
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2017

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____.

Commission File Number 000-50658

Marchex, Inc.

(Exact name of Registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

35-2194038
(I.R.S. Employer
Identification No.)

520 Pike Street, Suite 2000
Seattle, Washington 98101
(Address of principal executive offices)

(206) 331-3300
(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," or "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one)

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input checked="" type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/> (Do not check if a smaller reporting company)	Smaller reporting company	<input type="checkbox"/>
Emerging growth company	<input type="checkbox"/>		

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

Indicate the number of shares outstanding of each of the issuer's classes of common stock as of the latest practicable date.

<u>Class</u>	<u>Outstanding at August 2, 2017</u>
Class A common stock, par value \$.01 per share	5,056,136
Class B common stock, par value \$.01 per share	38,286,479

Marchex, Inc.

Form 10-Q

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PART I—FINANCIAL INFORMATION

Item 1. Condensed Consolidated Financial Statements

MARCHEX, INC. AND SUBSIDIARIES
Condensed Consolidated Balance Sheets
(in thousands)
(unaudited)

	December 31, 2016	June 30, 2017
Assets		
Current assets:		
Cash and cash equivalents	\$ 103,950	\$ 102,429
Accounts receivable, net	18,922	15,461
Prepaid expenses and other current assets	1,531	2,004
Refundable taxes	98	94
Total current assets	124,501	119,988
Property and equipment, net	3,557	2,962
Other assets, net	214	329
Total assets	<u>\$ 128,272</u>	<u>\$ 123,279</u>
Liabilities and Stockholders' Equity		
Current liabilities:		
Accounts payable	\$ 6,811	\$ 5,098
Accrued expenses and other current liabilities	7,707	6,469
Deferred revenue	349	337
Total current liabilities	14,867	11,904
Other non-current liabilities	134	540
Total liabilities	15,001	12,444
Stockholders' equity:		
Class A common stock	53	53
Class B common stock	380	385
Treasury stock	—	(2)
Additional paid-in capital	360,422	362,810
Accumulated deficit	(247,584)	(252,411)
Total stockholders' equity	113,271	110,835
Total liabilities and stockholders' equity	<u>\$ 128,272</u>	<u>\$ 123,279</u>

See accompanying Notes to Condensed Consolidated Financial Statements.

MARCHEX, INC. AND SUBSIDIARIES
Condensed Consolidated Statements of Operations
(in thousands, except per share amounts)
(unaudited)

	Six Months Ended June 30,		Three Months Ended June 30,	
	2016	2017	2016	2017
Revenue	\$ 70,397	\$ 46,391	\$ 34,412	\$ 22,016
Expenses:				
Service costs	42,459	25,773	20,477	12,175
Sales and marketing	11,171	8,463	5,649	3,471
Product development	15,027	9,553	7,555	4,283
General and administrative	10,495	7,424	5,833	3,394
Acquisition and disposition related costs	308	—	304	—
Total operating expenses	79,460	51,213	39,818	23,323
Impairment of goodwill	(63,305)	—	(63,305)	—
Loss from operations	(72,368)	(4,822)	(68,711)	(1,307)
Other income (expense), net	(75)	57	(68)	40
Loss before provision for income taxes	(72,443)	(4,765)	(68,779)	(1,267)
Income tax expense	25	25	12	13
Net loss applicable to common stockholders	\$ (72,468)	\$ (4,790)	\$ (68,791)	\$ (1,280)
Basic and diluted net loss per Class A and Class B share applicable to common stockholders	\$ (1.75)	\$ (0.11)	\$ (1.65)	\$ (0.03)
Shares used to calculate basic net loss per share applicable to common stockholders:				
Class A	5,233	5,056	5,233	5,056
Class B	36,238	37,435	36,499	37,698
Shares used to calculate diluted net loss per share applicable to common stockholders:				
Class A	5,233	5,056	5,233	5,056
Class B	41,471	42,491	41,732	42,754

See accompanying Notes to Condensed Consolidated Financial Statements.

MARCHEX, INC. AND SUBSIDIARIES
Condensed Consolidated Statements of Cash Flows
(in thousands)
(unaudited)

	For the Six Months Ended June 30,	
	2016	2017
Operating Activities:		
Net loss	\$ (72,468)	\$ (4,790)
Adjustments to reconcile net loss to net cash used in operating activities:		
Amortization and depreciation	1,690	1,477
Impairment of goodwill	63,305	—
Allowance for doubtful accounts and advertiser credits	627	506
Stock-based compensation	5,467	2,338
Change in certain assets and liabilities:		
Accounts receivable, net	(1,307)	2,955
Refundable taxes	3	4
Prepaid expenses, other current assets and other assets	(600)	(391)
Accounts payable	148	(1,702)
Accrued expenses and other current liabilities	1,096	(875)
Deferred revenue	(359)	(12)
Other non-current liabilities	(255)	(134)
Net cash used in operating activities	(2,653)	(624)
Investing Activities:		
Cash paid for sale of Archeo assets	(224)	—
Purchases of property and equipment	(362)	(906)
Purchases of intangible assets	(8)	(6)
Net cash used in investing activities	(594)	(912)
Financing Activities:		
Tax withholding related to restricted stock awards	(94)	—
Repurchase of Class B common stock	(365)	—
Proceeds from exercises of stock options, issuance and vesting of restricted stock and employee stock purchase plan, net	328	15
Net cash provided by (used in) financing activities	(131)	15
Net decrease in cash and cash equivalents	(3,378)	(1,521)
Cash and cash equivalents at beginning of period	109,155	103,950
Cash and cash equivalents at end of period	\$ 105,777	\$ 102,429

See accompanying Notes to Condensed Consolidated Financial Statements.

MARCHEX, INC. AND SUBSIDIARIES
Notes to Condensed Consolidated Financial Statements
(unaudited)

(1) Description of Business and Basis of Presentation

Marchex, Inc. (the “Company”) was incorporated in the state of Delaware on January 17, 2003. The Company is a call analytics company that helps businesses connect, drive, measure, and convert callers into customers. The Company provides products and services for businesses of all sizes that depend on calls to drive sales. The Company’s analytics technology can facilitate call quality, analyze calls and measure the outcomes of calls. The Company also delivers performance-based, pay-for-call advertising across numerous mobile and online publishers to connect consumers with businesses over the phone.

The accompanying unaudited condensed consolidated financial statements of Marchex, Inc. and its wholly-owned subsidiaries have been prepared in accordance with accounting principles generally accepted in the United States of America for interim financial information and pursuant to the rules and regulations of the Securities and Exchange Commission (“SEC”). Accordingly, they do not include all of the information and notes required by generally accepted accounting principles for annual financial statements. In the opinion of management, all adjustments (consisting only of normal recurring adjustments) considered necessary for a fair presentation have been included. Operating results for the six months ended June 30, 2017 are not necessarily indicative of the results that may be expected for the year ending December 31, 2017, or for any other period. The balance sheet at December 31, 2016 has been derived from the audited consolidated financial statements at that date, but does not include all of the information and notes required by accounting principles generally accepted in the United States of America for complete financial statements. These condensed consolidated financial statements and notes should be read in conjunction with the Company’s audited consolidated financial statements and accompanying notes included in the Annual Report on Form 10-K for the year ended December 31, 2016, as amended, filed with the SEC.

The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All inter-company transactions and balances have been eliminated in consolidation.

(2) Significant Accounting Policies

The preparation of financial statements in conformity with generally accepted accounting principles (“GAAP”) in the United States requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. These judgments are difficult as matters that are inherently uncertain directly impact their valuation and accounting. Actual results may vary from management’s estimates and assumptions.

Recent Accounting Pronouncement(s) Not Yet Effective

In May 2014, the FASB issued Accounting Standards Update No. 2014-09, *Revenue from Contracts with Customers (Topic 606) (ASU 2014-09)*, which amends the existing accounting standards for revenue recognition. ASU 2014-09 requires an entity to recognize the amount of revenue to which it expects to be entitled when products or services are transferred to customers. In July 2015, the FASB voted to approve a one-year delay of the effective date. ASU 2014-09 is effective for annual reporting periods beginning after December 15, 2017, including interim periods within that reporting period. Early adoption is permitted as of annual reporting periods beginning after December 15, 2016, including interim reporting periods within those annual periods. In 2016, the FASB issued additional guidance to clarify the implementation guidance including ASU No. 2016-08, *Revenue from Contracts with Customers - Principal versus Agent Considerations*. This ASU clarifies the implementation guidance for principal versus agent considerations in ASU 2014-09 and provides indicators that assist in the assessment of control. ASU 2014-09 allows adoption using either (i) a full retrospective approach for all periods presented in the period of adoption, or (ii) a modified retrospective approach with the cumulative effect of initially applying the new standard recognized at the date of adoption and providing certain additional disclosures. The Company will adopt the new standard on January 1, 2018 using the modified retrospective approach. The Company has initiated an assessment of its revenue streams and a project plan for implementing these standards. The Company’s evaluation of the impact of the new standard is ongoing and it has not yet completed its assessment of the effect that ASU 2014-09 and related standards will have on its consolidated financial statements and related disclosures.

In February 2016, the FASB issued Accounting Standards Update No. 2016-02 *Leases (Topic 842) (ASU 2016-02)*, an ASU requiring the recognition of lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. The ASU is effective for reporting periods beginning after December 15, 2018, with early adoption permitted. The Company currently plans to adopt the new standard on January 1, 2019. The ASU must be adopted using a modified retrospective approach. The Company anticipates that adoption will affect its statement of financial position and will require changes to some of its processes. Most significant to the Company, the new guidance requires lessees to recognize operating building leases with a term of more than 12 months as lease assets and lease liabilities. The Company is currently in the process of evaluating the impact of adoption of ASU 2016-02 on its consolidated financial statements.

In June 2016, the FASB issued Accounting Standards Update No. 2016-13, *Financial Instruments — Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments (ASU 2016-13)*, an ASU amending the impairment model for most financial assets and certain other instruments. The ASU is effective for reporting periods beginning after December 15, 2019, with early adoption permitted after December 15, 2018. The ASU must be adopted using a modified-retrospective approach. The Company does not expect adoption of ASU 2016-13 to have a material impact on its consolidated financial statements.

In August 2016, the FASB issued Accounting Standards Update No. 2016-15, *Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments (ASU 2016-15)*, an ASU which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The ASU is effective for reporting periods beginning after December 15, 2017, with early adoption permitted. The ASU must be adopted using retrospective approach. The Company does not expect adoption of ASU 2016-15 to have a material impact on its consolidated financial statements.

In October 2016, the FASB issued Accounting Standards Update No. 2016-16, *Income Taxes (Topic 740), Intra-Entity Transfers of Assets other than Inventory (ASU 2016-16)*, an ASU requiring the recognition of income tax effects of intercompany sales and transfers of assets other than inventory in the period in which the transfer occurs. The ASU is effective for reporting periods beginning after December 15, 2017, with early adoption permitted. The ASU must be adopted using a modified retrospective approach. The Company does not expect adoption of ASU 2016-16 to have a material impact on its consolidated financial statements.

In November 2016, the FASB issued Accounting Standards Update No. 2016-18, *Statement of Cash Flows (Topic 230): Restricted Cash (a Consensus of the FASB Emerging Issues Task Force) (ASU 2016-18)*, an ASU requiring entities to show the changes in the total of cash, cash equivalents, restricted cash and restricted cash equivalents in the statement of cash flows. As a result, entities will no longer present transfers between cash and cash equivalents and restricted cash and restricted cash equivalents in the statement of cash flows. The ASU is effective for reporting periods beginning after December 15, 2017, with early adoption permitted. The ASU must be adopted using retrospective approach. The Company does not expect adoption of ASU 2016-18 to have a material impact on its consolidated financial statements.

In January 2017, the FASB issued Accounting Standards Update No. 2017-01, *Business Combinations (Topic 805), Clarifying the Definition of a Business (ASU 2017-01)*, an ASU changing the definition of a business to assist with evaluating whether a set of transferred assets and activities is a business. The ASU is effective for reporting periods beginning after December 15, 2017, and interim periods within those years, with early adoption permitted. The ASU must be adopted using a prospective approach on or after the effective date. The Company does not expect adoption of ASU 2017-01 to have a material impact on its consolidated financial statements.

In May 2017, the FASB issued Accounting Standards Update No. 2017-09, *Compensation - Stock Compensation (Topic 718), Scope of Modification Accounting*, an ASU clarifying when changes to the terms or conditions of a share-based payment award must be accounted for as modifications. The ASU is effective for reporting periods beginning after December 15, 2017, with early adoption permitted. The ASU should be adopted using a prospective approach on or after the adoption date. The Company does not expect adoption of ASU 2017-09 to have a material impact on its consolidated financial statements.

(3) Stock-based Compensation Plans

The Company grants stock-based awards, including stock options, restricted stock awards, and restricted stock units. The Company measures stock-based compensation cost at the grant date based on the fair value of the award and recognizes it as expense over the vesting or service period, as applicable, of the stock-based award using the straight-line method.

On January 1, 2017, the Company adopted Accounting Standards Update No. 2016-09, *Compensation-Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting (ASU 2016-09)*. This ASU impacts several aspects of accounting for share-based payment transactions, including certain income tax consequences, forfeitures, classification of awards as either equity or liabilities, and classification on the statement of cash flows. Upon adoption, the Company elected to account for forfeitures as they occur and no longer use an estimated forfeiture rate in the calculation of stock-based compensation expense. The net cumulative effect of this election was recognized as a \$37,000 increase to accumulated deficit on January 1, 2017. Also under ASU 2016-09, excess tax benefits generated when stock-based awards vest or are settled are no longer recognized in equity but are instead recognized as a reduction to the provision for income taxes. On January 1, 2017, the Company recorded unrecognized excess tax benefits of \$3.7 million to accumulated deficit, with a corresponding increase to the valuation allowance on deferred tax assets. This resulted in no net impact to equity due to the Company's full valuation allowance.

Stock-based compensation expense was included in the following operating expense categories as follows (in thousands):

	Six months ended June 30,		Three months ended June 30,	
	2016	2017	2016	2017
Service costs	\$ 405	\$ 255	\$ 207	\$ 130
Sales and marketing	968	469	529	63
Product development	1,161	298	629	207
General and administrative	2,933	1,316	2,136	581
Total stock-based compensation	<u>\$ 5,467</u>	<u>\$ 2,338</u>	<u>\$ 3,501</u>	<u>\$ 981</u>

The Company uses the Black-Scholes option pricing model to estimate the per share fair value of stock option grants with time-based vesting. The Black-Scholes model relies on a number of key assumptions to calculate estimated fair values. For the quarters ended June 30, 2016 and 2017, the expected life of each award granted was determined based on historical experience with similar awards, giving consideration to contractual terms, anticipated exercise patterns, vesting schedules and expirations. Expected volatility is based on historical volatility levels of the Company's Class B common stock and the expected volatility of companies in similar industries that have similar vesting and contractual terms. The risk-free interest rate is based on the implied yield currently available on U.S. Treasury issues with terms approximately equal to the expected life of the option.

The following weighted average assumptions were used in determining the fair value of time-vested stock option grants for the periods presented:

	Six months ended June 30,		Three months ended June 30,	
	2016	2017	2016	2017
Expected life (in years)	4.0-6.25	4.0-6.25	4.0-6.25	4.0-6.25
Risk-free interest rate	0.86%-1.15%	1.68%-1.94%	0.86%-1.15%	1.68-1.94%
Expected volatility	57%-58%	56-57%	57%-58%	56%
Expected dividend yield	0%	0%	0%	0%

Stock option activity during the six months ended June 30, 2017 is summarized as follows:

	Shares (in thousands)	Weighted average exercise price	Weighted average remaining contractual term (in years)
Balance at December 31, 2016	7,678	\$ 5.97	5.07
Options granted	1,097	2.71	
Options forfeited	(698)	4.21	
Options expired	(1,609)	6.07	
Balance at June 30, 2017	<u>6,468</u>	<u>\$ 5.78</u>	<u>6.09</u>

Restricted stock awards and restricted stock units are generally measured at fair value on the date of grant based on the number of awards granted and the quoted price of the Company's common stock. Restricted stock units entitle the holder to receive one share of the Company's Class B common stock upon satisfaction of certain service conditions.

Restricted stock awards and restricted stock unit activity during the six months ended June 30, 2017 is summarized as follows:

	Shares/ Units (in thousands)	Weighted average grant date fair value
Unvested balance at December 31, 2016	2,757	\$ 3.90
Granted	341	2.73
Vested	(686)	4.60
Forfeited	(531)	4.20
Unvested balance at June 30, 2017	<u>1,881</u>	<u>\$ 3.35</u>

In the six months ended June 30, 2016, the Company repurchased approximately 23,000 shares from certain executives for minimum withholding taxes on approximately 80,000 restricted stock award vests. The number of shares repurchased was based on the value on the vesting date of the restricted stock awards equivalent to the value of the executive's minimum withholding taxes of \$94,000, which was remitted in cash to the appropriate taxing authorities. The payments are reflected as a financing activity within the consolidated statement of cash flows when paid. The payments had the effect of share repurchases by the Company as they reduced the number of shares that would have otherwise been issued on the vesting date and were recorded as a reduction of additional paid-in capital.

(4) Net Income (Loss) Per Share

The Company computes net income (loss) per share of Class A and Class B common stock using the two class method. Under the provisions of the two class method, basic net income (loss) per share is computed by dividing net income (loss) applicable to common stockholders by the weighted average number of common shares outstanding during the year. Diluted net income (loss) per share is computed by dividing net income (loss) applicable to common stockholders by the weighted average number of common and dilutive common equivalent shares outstanding during the period. The computation of the diluted net income (loss) per share of Class B common stock assumes the conversion of Class A common stock to Class B common stock, while the diluted net income (loss) per share of Class A common stock does not assume the conversion of those shares.

In accordance with the two class method, the undistributed earnings (losses) for each year are allocated based on the contractual participation rights of the Class A and Class B common shares and the restricted shares as if the earnings for the year had been distributed. Considering the terms of the Company's charter which provides that, if and when dividends are declared on our common stock in accordance with Delaware General Corporation Law, equivalent dividends shall be paid with respect to the shares of Class A common stock and Class B common stock and that both classes of common stock have identical dividend rights and would share equally in the Company's net assets in the event of liquidation, the Company has allocated undistributed earnings (losses) on a proportionate basis.

Instruments granted in unvested share-based payment awards that contain nonforfeitable rights to dividends or dividend equivalents, whether paid or unpaid, are participating securities prior to vesting. As such, the Company's restricted stock awards are considered participating securities for purposes of calculating earnings per share.

The following table calculates net loss applicable to common stockholders used to compute basic loss per share for the periods ended (in thousands, except per share amounts):

	Six months ended June 30,			
	2016		2017	
	Class A	Class B	Class A	Class B
Basic net loss per share				
Numerator:				
Net loss applicable to common stockholders	\$ (9,144)	\$ (63,324)	\$ (570)	\$ (4,220)
Denominator:				
Weighted average number of shares outstanding used to calculate basic net loss per share	5,233	36,238	5,056	37,435
Basic net loss per share applicable to common stockholders	\$ (1.75)	\$ (1.75)	\$ (0.11)	\$ (0.11)

	Three months ended June 30,			
	2016		2017	
	Class A	Class B	Class A	Class B
Basic net loss per share				
Numerator:				
Net loss applicable to common stockholders	\$ (8,625)	\$ (60,166)	\$ (151)	\$ (1,129)
Denominator:				
Weighted average number of shares outstanding used to calculate basic net loss per share	5,233	36,499	5,056	37,698
Basic net loss per share applicable to common stockholders	\$ (1.65)	\$ (1.65)	\$ (0.03)	\$ (0.03)

The following table calculates net loss to net loss applicable to common stockholders used to compute diluted net loss per share for the periods ended (in thousands, except per share amounts):

	Six months ended June 30,			
	2016		2017	
	Class A	Class B	Class A	Class B
Diluted net loss per share				
Numerator:				
Net loss	\$ (9,144)	\$ (63,324)	\$ (570)	\$ (4,220)
Reallocation of net loss for Class A shares as a result of conversion of Class A to Class B shares	—	(9,144)	—	(570)
Net loss applicable to common stockholders	<u>\$ (9,144)</u>	<u>\$ (72,468)</u>	<u>\$ (570)</u>	<u>\$ (4,790)</u>
Denominator:				
Weighted average number of shares outstanding used to calculate basic net loss per share	5,233	36,238	5,056	37,435
Conversion of Class A to Class B common shares outstanding	—	5,233	—	5,056
Weighted average number of shares outstanding used to calculate diluted net loss per share	<u>5,233</u>	<u>41,471</u>	<u>5,056</u>	<u>42,491</u>
Diluted net loss per share applicable to common stockholders	<u>\$ (1.75)</u>	<u>\$ (1.75)</u>	<u>\$ (0.11)</u>	<u>\$ (0.11)</u>

	Three months ended June 30,			
	2016		2017	
	Class A	Class B	Class A	Class B
Diluted net loss per share				
Numerator:				
Net loss	\$ (8,625)	\$ (60,166)	\$ (151)	\$ (1,129)
Reallocation of net loss for Class A shares as a result of conversion of Class A to Class B shares	—	(8,625)	—	(151)
Net loss applicable to common stockholders	<u>\$ (8,625)</u>	<u>\$ (68,791)</u>	<u>\$ (151)</u>	<u>\$ (1,280)</u>
Denominator:				
Weighted average number of shares outstanding used to calculate basic net loss per share	5,233	36,499	5,056	37,698
Conversion of Class A to Class B common shares outstanding	—	5,233	—	5,056
Weighted average number of shares outstanding used to calculate diluted net loss per share	<u>5,233</u>	<u>41,732</u>	<u>5,056</u>	<u>42,754</u>
Diluted net loss per share applicable to common stockholders	<u>\$ (1.65)</u>	<u>\$ (1.65)</u>	<u>\$ (0.03)</u>	<u>\$ (0.03)</u>

The computation of diluted net loss per share excludes the following because their effect would be anti-dilutive (in thousands):

- For the three and six months ended June 30, 2016 and 2017, outstanding options to acquire 9,901 and 6,468 shares, respectively of Class B common stock.
- For the three and six months ended June 30, 2016 and 2017, 1,467 and 467 shares of unvested Class B restricted common shares, respectively.
- For the three and six months ended June 30, 2016 and 2017 2,115 and 1,414 restricted stock units, respectively.

(5) Concentrations

The Company maintains substantially all of its cash and cash equivalents with one financial institution and are all considered at Level 1 fair value with observable inputs that reflect quoted prices for identical assets or liabilities in active markets. At various points during the six months ended June 30, 2016 and 2017, the Company held cash equivalents in a commercial paper sweep account with the same financial institution. These Level 2 assets were fully liquidated prior to June 30, 2016 and 2017.

A significant amount of the Company's revenue earned from advertisers is generated through arrangements with distribution partners. The Company may not be successful in renewing any of these agreements, or, if they are renewed, they may not be on terms as favorable as current arrangements. The Company may not be successful in entering into agreements with new distribution partners or advertisers on commercially acceptable terms. In addition, several of these distribution partners or advertisers may be considered potential competitors. There were no distribution partners paid more than 10% of revenue for the three and six months ended June 30, 2016 and 2017.

The advertisers representing more than 10% of revenue are as follows (in percentages):

	Six months ended		Three months ended	
	June 30,		June 30,	
	2016	2017	2016	2017
Advertiser A	24%	22%	24%	22%
Advertiser B	24%	17%	22%	16%

Advertiser A is also a distribution partner.

The outstanding receivable balance for each advertiser representing more than 10% of accounts receivable is as follows (in percentages):

	At December 31, 2016	At June 30, 2017
Advertiser A	11%	21%
Advertiser B	30%	27%
Advertiser C	15%	11%

In certain cases, the Company may engage directly with one or more advertising agencies who act on an advertiser's behalf. In addition, an advertising agency may represent more than one advertiser that utilizes the Company's products and services. One advertising agency represented 20% and 21% of revenue for the three and six months ended June 30, 2016, respectively, and less than 10% and 10% of revenue for the three and six months ended June 30, 2017, respectively. This same advertising agency represented 26% and 14% of accounts receivable as of December 31, 2016 and June 30, 2017, respectively. One other advertising agency represented less than 10% of accounts receivable as of December 31, 2016, and 16% of accounts receivable as of June 30, 2017.

(6) Segment Reporting and Geographic Information

Operating segments are revenue-producing components of the enterprise for which separate financial information is produced internally for the Company's management. For the periods presented, we primarily operated as a single segment. In 2016, we had other operating activities related to the transition activities of the Archeo operations which were not significant.

Revenues from advertisers by geographical areas are tracked on the basis of the location of the advertiser. The vast majority of the Company's revenue and accounts receivable are derived from domestic sales to advertisers engaged in various mobile, online and other activities.

Revenues by geographic region are as follows (in percentages):

	Six months ended June 30,		Three months ended June 30,	
	2016	2017	2016	2017
United States	97%	96%	96%	95%
Canada	3%	4%	4%	5%
Other countries	*	*	*	*
	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

* Less than 1% of revenue.

(7) Property and Equipment

Property and equipment consisted of the following (in thousands):

	At December 31, 2016	At June 30, 2017
Computer and other related equipment	\$ 18,467	\$ 19,338
Purchased and internally developed software	6,811	6,811
Furniture and fixtures	1,493	1,493
Leasehold improvements	2,371	2,095
	<u>\$ 29,142</u>	<u>\$ 29,737</u>
Less: Accumulated depreciation and amortization	(25,585)	(26,775)
Property and equipment, net	<u>\$ 3,557</u>	<u>\$ 2,962</u>

Depreciation and amortization expense related to property and equipment was approximately \$808,000 and \$724,000 for the three months ended June 30, 2016 and 2017, respectively, and was approximately \$1.7 million and \$1.5 million for the six months ended June 30, 2016 and 2017, respectively.

(8) Commitments, Contingencies, Taxes and Other

(a) Commitments

The Company has commitments for future payments related to office facilities leases and other contractual obligations. The Company leases its office facilities under operating lease agreements and recognizes rent expense on a straight-line basis over the lease term with any lease incentive amortized as a reduction of rent expense over the lease term. Other contractual obligations primarily relate to minimum contractual payments due to distribution partners and other outside service providers. Future minimum payments are approximately as follows (in thousands):

	Facilities operating leases	Other contractual obligations	Total
2017	\$ 880	\$ 1,968	\$ 2,848
2018	1,438	1,940	3,378
2019	1,296	615	1,911
2020	1,520	1	1,521
2021 and after	6,983	—	6,983
Total minimum payments	<u>\$ 12,117</u>	<u>\$ 4,524</u>	<u>\$ 16,641</u>

In June 2017, the Company entered into an amendment to the lease agreement originally dated in June 2009 and as amended to date, with respect to office space in Seattle, Washington. The amendment extends the lease term for a period of 84 months expiring on March 31, 2025 and reduces the leased office space starting on September 1, 2017. The Company has the option to terminate the lease in March 2023, subject to satisfaction of certain conditions, including a payment of a termination fee of approximately \$671,000. In addition, the lessor will pay towards the cost of certain leasehold improvements (“landlord contribution”) of which the Company may use up to approximately \$180,000 of any unused landlord contribution as a credit against any payment obligation under the lease. In March 2018, the lessor will refund the previously provided security deposit and the Company will provide a letter of credit to the lessor in the amount of \$575,000, which will be reduced by \$100,000 each March starting in 2019.

Rent expense incurred by the Company was approximately \$494,000 and \$464,000 for the three months ended June 30, 2016 and 2017, respectively, and was approximately \$986,000 and \$953,000 for the six months ended June 30, 2016 and 2017, respectively.

(b) Contingencies

The Company from time to time is a party to disputes and legal and administrative proceedings arising from the ordinary course of business. In some agreements to which the Company is a party, the Company has agreed to indemnification provisions of varying scope and terms with advertisers, vendors and other parties with respect to certain matters, including, but not limited to, losses arising out of the Company’s breach of agreements or representations and warranties made by the Company, services to be provided by the Company and intellectual property infringement claims made by third parties. As a result of these provisions, the Company may from time to time provide certain levels of financial support to our contract parties to seek to minimize the impact of any associated litigation in which they may be involved. To date, there have been no known events or circumstances that have resulted in any material costs related to these indemnification provisions and no liabilities therefore have been recorded in the accompanying consolidated financial statements. However, the maximum potential amount of the future payments we could be required to make under these indemnification provisions could be material.

While any litigation contains an element of uncertainty, the Company is not aware of any legal proceedings or claims which are pending that the Company believes, based on current knowledge, will have, individually or taken together, a material adverse effect on the Company’s financial condition, results of operations or liquidity.

(c) Taxes

The Company determined that it is not more likely than not that its deferred tax assets will be realized and accordingly recorded 100% valuation allowance against these deferred tax assets as of December 31, 2016 and June 30, 2017. In assessing whether it is more likely than not that the Company's deferred tax assets will be realized, factors considered included: historical taxable income, historical trends related to advertiser usage rates, projected revenues and expenses, macroeconomic conditions, issues facing the industry, existing contracts, the Company's ability to project future results and any appreciation of its other assets. The ultimate realization of deferred tax assets depends on the generation of future taxable income during the periods in which those temporary differences are deductible. The Company considered the future reversal of deferred tax liabilities, carryback potential, projected taxable income, and tax planning strategies as well as its history of taxable income or losses in the relevant jurisdictions in making this assessment. Based on the level of historical taxable losses and the uncertainty of projections for future taxable income over the periods for which the deferred tax assets are deductible, the Company concluded that it is not more likely than not that the gross deferred tax assets will be realized.

The Company adopted ASU 2015-17 on January 1, 2017, which requires all deferred tax assets and liabilities, and any related valuation allowance, to be classified as non-current on the balance sheet. The adoption of this standard did not have any impact on the Company's financial statements due to the full valuation allowance recorded on our deferred taxes.

From time to time, various state, federal and other jurisdictional tax authorities undertake audits of the Company and its filings. In evaluating the exposure associated with various tax filing positions, the Company on occasion accrues charges for uncertain positions. Resolution of uncertain tax positions will impact our effective tax rate when settled. The Company does not have any significant interest or penalty accruals. The provision for income taxes includes the impact of contingency provisions and changes to contingencies that are considered appropriate. The Company files U.S. federal, certain U.S. states, and certain foreign tax returns. Generally, U.S. federal, U.S. state, and foreign tax returns filed for years after 2012 are within the statute of limitations and are under examination or may be subject to examination.

(d) Other

In the third quarter of 2016, the Company incurred approximately \$1.6 million in employee separation and facility termination related costs. At December 31, 2016, \$354,000 was accrued, of which substantially all was paid in the first half of 2017.

In the first quarter of 2017, the Company incurred approximately \$700,000 of employee separation related costs as part of savings measures implemented in 2017, which was paid in the first half of 2017.

(9) Common Stock

In November 2014, the Company's board of directors authorized a share repurchase program (the "2014 Repurchase Program"), which supersedes and replaces any prior repurchase programs. Under the 2014 Repurchase Program, the Company is authorized to repurchase up to 3 million shares of the Company's Class B common stock in the aggregate through open market and privately negotiated transactions, at such times and in such amounts as the Company deems appropriate. Repurchases may also be made under a Rule 10b5-1 plan, which would permit shares to be repurchased when the Company might otherwise be precluded from doing so under insider trading laws. The timing and actual number of shares repurchased will depend on a variety of factors including price, corporate and regulatory requirements, capital availability, and other market conditions. The 2014 Repurchase Program does not have an expiration date and may be expanded, limited or terminated at any time without prior notice. During the six months ended June 30, 2016, the Company repurchased 89,000 shares of Class B common stock for \$363,000. The Company did not repurchase any Class B common stock for the six months ended June 30, 2017.

During the six months ended June 30, 2016, the Company's board of directors approved and the Company retired approximately 210,000 shares of treasury stock.

(10) Goodwill

For the three months ended June 30, 2016, the Company's stock price was impacted by volatility, among other factors, in the U.S. financial markets, and traded below the then book value for an extended period of time. Accordingly, the Company tested its goodwill for impairment and concluded that the carrying value exceeded the estimated fair value of the Company's single reporting unit and recognized an impairment loss during the second quarter of 2016 of \$63.3 million which reduced goodwill to \$0 on the Company's balance sheet. The fair value of the Company's single reporting unit was based on estimates of future operating results, discounted cash flows and other market-based factors, including the Company's stock price. The goodwill impairment loss resulted primarily from a sustained decline in the Company's common stock share price and market capitalization as well as lower projected revenue growth rates and profitability levels compared to historical results. The lower projected operating results reflected changes in assumptions related to organic revenue growth rates, market trends, business mix, cost structure, and other expectations about the anticipated short-term and long-term operating results.

The testing of goodwill for impairment requires the Company to make significant estimates about its future performance and cash flows, as well as other assumptions. Events and circumstances considered in determining whether the carrying value of goodwill may not be recoverable include, but are not limited to: significant changes in performance relative to expected operating results; significant changes in the use of the assets; significant changes in competition and market dynamics; significant and sustained declines in the Company's stock price and market capitalization; a significant decline in its expected future cash flows or a significant adverse change in the Company's business climate. These estimates and circumstances are inherently uncertain and can be affected by numerous factors, including changes in economic, industry or market conditions, changes in business operations, a loss of a significant customer, changes in competition, volatility in financial markets, or changes in the share price of the Company's common stock and market capitalization.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. We use words such as "believes," "intends," "expects," "anticipates," "plans," "may," "will" and similar expressions to identify forward-looking statements. All forward-looking statements, including, but not limited to, statements regarding our future operating results, financial position, prospects, acquisitions, dispositions, and business strategy, expectations regarding our growth and the growth of the industry in which we operate, and plans and objectives of management for future operations, are inherently uncertain as they are based on our expectations and assumptions concerning future events. We may not actually achieve the plans, intentions or expectations disclosed in our forward-looking statements we make. There are a number of important factors that could cause the actual results of Marchex to differ materially from those indicated by such forward-looking statements. Any or all of our forward-looking statements in this report may turn out to be inaccurate. We have based these forward-looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our financial condition, results of operations, business strategy and financial needs. They may be affected by inaccurate assumptions we might make or by known or unknown risks and uncertainties, including but not limited to the risks, uncertainties and assumptions described in this report, in Part II, Item 1A. under the caption "Risk Factors" and elsewhere in this report and in our Annual Report on Form 10-K for the year ended December 31, 2016, as amended, and those described from time to time in our future reports filed with the SEC. In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this report may not occur as contemplated and actual results could differ materially from those anticipated or implied by the forward-looking statements. All forward-looking statements in this report are made as of the date hereof, based on information available to us as of the date hereof, and we assume no obligation to update any forward-looking statement.

The following discussion and analysis provides information that we believe is relevant to an assessment and understanding of our results of operation and financial condition. You should read this analysis in conjunction with the attached condensed consolidated financial statements and related notes thereto, and with our audited consolidated financial statements and the notes thereto, included in our Annual Report on Form 10-K for the year ended December 31, 2016, as amended.

Overview

References herein to "we," "us" or "our" refer to Marchex, Inc. and its wholly-owned subsidiaries unless the context specifically states or implies otherwise.

Marchex is a call analytics company that helps businesses connect, drive, measure and convert callers into customers.

We provide products and services for businesses of all sizes that depend on calls to drive sales. Our media analytics products can provide actionable intelligence on the major media channels advertisers use to acquire customers over the phone.

Our primary product offerings are:

- **Marchex Call Analytics.** Marchex Call Analytics is an analytics platform for enterprises that depend on inbound phone calls to drive sales, appointments and reservations. Marketers use this platform to understand which marketing channels, advertisements, and keywords are driving calls to their business, allowing them to optimize their advertising expenditures across media channels. Marchex Call Analytics also includes technology that can extract data and insights about what is happening during a call and measures the outcome of calls and return on investment. The platform also includes technology that blocks robocalls, telemarketers and spam calls to save businesses time. Marchex Call Analytics data can integrate directly into third-party marketer workflows such as Salesforce, Eloqua, Adobe, Kenshoo, DoubleClick Search, Marin Software, Facebook and Instagram, in addition to other marketing dashboards and tools. Advertisers pay us a fee for each call or call related data element they receive from calls including call-based ads we distribute through our sources of call distribution or for each phone number tracked based on pre-negotiated rates.

Leveraging the call analytics platform, Marchex Omnichannel Analytics Cloud provides a single source to marketers to see which media channels are driving phone calls across Search, Display and Video, and Social Media. Our Omnichannel Analytics Cloud products include:

Marchex Search Analytics. Marchex Search Analytics is a product for search marketers that drive phone calls from search campaigns. Marchex Search Analytics attributes inbound phone calls made directly from paid search ads and landing pages to a keyword. The platform can deliver this data as well as data about call outcomes directly into search management platforms like DoubleClick Search and Kenshoo.

Marchex Display and Video Analytics. Marchex Display and Video Analytics is a product for marketers that buy digital display advertising. Marchex Display and Video Analytics can measure the influence that display advertising has on inbound phone calls so that marketers can better attribute their return on advertising spend for inbound phone calls and delivers this data to marketers in a reporting dashboard.

Marchex Social Analytics. Launched in February 2017, Marchex Social Analytics is a product for marketers that buy social media advertising. Marchex Social Analytics can measure the influence that social advertising from select sources like Facebook or Instagram has on inbound phone calls so that marketers can better attribute their return on advertising spend for inbound phone calls and delivers this data to marketers in a reporting dashboard.

Marchex Speech Analytics. Launched in April 2017, Marchex Speech Analytics is a product that helps enable actionable insights for enterprise and mid-sized companies, helping them understand what is happening on inbound calls from consumers. Leveraging Marchex's proprietary Call DNA® technology to aggregate and analyze call data, Marchex Speech Analytics includes dashboards and visual analytics to make it easier for marketers and call center teams to discern actionable insights.

- **Marchex Call Marketplace.** Marchex Call Marketplace is a mobile advertising network for businesses that depend on inbound phone calls to drive sales. We offer advertisers ad placements across numerous mobile and online media sources to deliver qualified calls to their businesses. It leverages analytics for tracking, reporting and optimization. Advertisers are charged on a pay-per-call or cost per action basis.
- **Local Leads.** Our local leads platform is a white-labeled, full service advertising solution for small business resellers, such as Yellow Pages providers and vertical marketing service providers, to sell call advertising, search marketing and other lead generation products through their existing sales channels to their small business advertisers. These calls and leads are then fulfilled by us across our distribution network, including mobile sources, and search engines. The lead services we offer to small business advertisers through our local leads platform include pay-for-call, search marketing and ad creation and include advanced features such as call tracking, geo-targeting, campaign management, reporting and analytics. The local leads platform is highly scalable and has the capacity to support hundreds of thousands of advertiser accounts. Reseller partners and publishers generally pay us account fees and agency fees for our products in the form of a percentage of the cost of every click or call delivered to their advertisers. Through our primary contract with Yellowpages.com LLC ("YP"), we generate revenues from our local leads platform. We also have a separate pay-for-call services arrangement with YP. In 2016, we extended these agreements through December 31, 2018. The primary local leads platform arrangement provides YP flexibility to migrate active accounts to itself or a third-party provider prior to the end of an advertiser contract and provides YP with certain termination rights beginning January 1, 2018 upon four months of notice. We also have a separate distribution partner agreement with YP. Dex Media, Inc. ("Dex") recently acquired YP Holdings LLC ("YP Holdings"), which is the parent company of YP. We have a separate reseller partner arrangement with Dex for call advertising services. YP is our largest reseller partner and was responsible for 24% of our total revenues for both the three and six months ended June 30, 2016, respectively, and YP including Dex was 22% of our total revenues for both three and six months ended June 30, 2017.

We were incorporated in Delaware on January 17, 2003. Acquisition initiatives have played an important part in our corporate history to date.

We have offices in Seattle, Washington and New York, New York.

Consolidated Statements of Operations

All significant inter-company transactions and balances within Marchex have been eliminated in consolidation.

Presentation of Financial Reporting Periods

The comparative periods presented are for the three and six months ended June 30, 2016 and 2017.

Revenue

We primarily generate our revenues from advertisers for use of our call analytics technology and pay-for-call advertising products and services. Our revenue also consists of payments from our reseller partners for use of our local leads platform and marketing services, which they offer to their small business customers, as well as payments from advertisers for cost-per-action services.

We recognize revenue upon the completion of our performance obligation, provided that: (1) evidence of an arrangement exists; (2) the arrangement fee is fixed and determinable; and (3) collection is reasonably assured.

In certain cases, we record revenue based on available and reported preliminary information from third parties. Collection on the related receivables may vary from reported information based upon third-party refinement of the estimated and reported amounts owed that occurs subsequent to period ends.

Performance-Based Advertising and Other Services

Our performance-based advertising services, which includes our call analytics technology and call marketplace services, amounted to greater than 80% of revenues in all periods presented. In addition, we generate revenue through our local leads platform, which enables partner resellers to sell call advertising and/or search marketing products, and campaign management services. These secondary sources accounted for less than 20% of our revenues in all periods presented. We have no barter transactions.

Our call analytics technology platform provides data and insights that can measure the performance of mobile, online and offline advertising for advertisers and small business resellers. We generate revenue from our call analytics technology platform when advertisers pay us a fee for each call or call related data element they receive from calls including call-based ads we distribute through our sources of call distribution or for each phone number tracked based on a pre-negotiated rate.

Our call marketplace offers advertisers and advertising service providers' ad placements across our distribution network. Advertisers or advertising service providers are charged on a pay-per-call or cost-per-action basis. We generate revenue upon delivery of qualified and reported phone calls to advertisers or advertising service providers' listings. These advertisers and advertising service providers pay us a designated transaction fee for each qualified phone call, which occurs when a user makes a phone call, clicks, or completes a specified action on any of their advertisement listings after it has been placed by us or by our distribution partners. Each qualified phone call or specified action on an advertisement listing represents a completed transaction. We also generate revenue from cost-per-action, which occurs when a user makes a phone call from our advertiser's listing or is redirected from one of our web sites or a third-party web site in our distribution network to an advertiser web site and completes the specified action.

Our local leads platform allows reseller partners to sell call advertising, search marketing, and other lead generation products through their existing sales channels to small business advertisers. We generate revenue from reseller partners utilizing our local leads platform and are paid account fees and also agency fees for our products in the form of a percentage of the cost of every call or click delivered to advertisers. The reseller partners engage the advertisers and are the primary obligor, and we, in certain instances, are only financially liable to the publishers in our capacity as a collection agency for the amount collected from the advertisers. We recognize revenue for these fees under the net revenue recognition method. In limited arrangements resellers pay us a fee for fulfilling an advertiser's campaign in our distribution network and we act as the primary obligor. We recognize revenue for these fees under the gross revenue recognition method.

Industry and Market Factors

We enter into agreements with various mobile, online and offline distribution partners to provide distribution for pay-for-call advertisement listings which contain call tracking numbers and/or URL strings of our advertisers. We generally pay distribution partners based on a percentage of revenue or a fixed amount for each phone call on these listings. The level of phone calls contributed by our distribution partners has varied, and we expect it will continue to vary, from quarter to quarter and year to year, sometimes significantly. If we do not add new distribution partners or renew our existing distribution partner agreements and on terms as favorable as current arrangements, replace traffic lost from terminated distribution agreements with other sources, or if our distribution partners' businesses do not grow or are adversely affected, our revenue and results of operations may be materially and adversely affected. Our ability to grow will be impacted by our ability to increase our distribution, which impacts the number of mobile and Internet users who have access to our advertisers' listings and the rate at which our advertisers are able to convert calls from these mobile and Internet users into completed transactions, such as a purchase or sign up. Our ability to grow also depends on our ability to continue to increase the number of advertisers who use our products and services, the amount these advertisers spend on our products and services, advertiser adoption of new products and services and the amount these advertisers are willing to pay for these new products and services.

We utilize phone numbers as part of our call analytics and pay-for-call services to advertisers, which enables advertisers and other users of our services to help measure the effectiveness of mobile, online, and offline advertising campaigns. If we are not able to secure or retain sufficient phone numbers needed for our services or we are limited in the number of available telecommunication carriers or vendors to provide such phone numbers to us in the event of any industry consolidation or if telecommunication carriers or vendors were to experience system disruptions, our revenue and results of operations may be materially and adversely affected.

We have revenue concentrations with certain large customers including reseller partners and advertising agencies. Many of these customers are not subject to long term contracts with us or have contracts with near term expiration dates, and are able to reduce or cease advertising spend at any time and for any reason. Reseller partners purchase various advertising and marketing services from us, as well as provide us with a large number of advertisers. A loss of certain reseller partners or a decrease in revenue from these resellers could adversely affect our business. In some cases, we engage with advertisers through advertising agencies, who act on behalf of the advertisers. Advertising agencies may place insertion orders with us for particular advertising campaigns for a set period of time and are not obligated to commit beyond the campaign governed by a particular insertion order and may also cancel the campaign prior to completion. Advertising agencies also have relationships with many different providers, each of whom may be running portions of the advertising campaign. We have call advertising arrangements with certain large customers, which provide flexibility around financial commitments, termination rights, indemnification, and security obligations. Our large customers may vary spend levels and there can be no assurances that our large customers will continue to spend at levels similar to prior quarters. If any of our largest customers are acquired, such acquisition may impact its advertising spending or budget with us, including due to rebranding, change in advertising agency, or change in media tactics. A significant reduction in advertising spending or budgets by our largest customers, or the loss of one or more of these customers, if not replaced by new customers or an increase in business from existing customers, would have a material adverse effect on our future operating results.

We anticipate that these variables will fluctuate in the future, affecting our ability to grow and our financial results. In particular, it is difficult to project phone call usage, the number of phone calls or other actions performed by users of our products and services, which will be delivered to our advertisers, and how much advertisers will spend with us and the amount they are willing to pay for our products and services. It is even more difficult to anticipate the average revenue per phone call or other performance-based actions. It is also difficult to anticipate the impact of worldwide and domestic economic conditions on advertising budgets.

In addition, we believe we will experience seasonality. Our quarterly results have fluctuated in the past and may fluctuate in the future due to seasonal fluctuations in levels of mobile and internet usage and seasonal purchasing cycles of many advertisers. Our experience has shown that during the spring and summer months, mobile and Internet usage is lower than during other times of the year and during the latter part of the fourth quarter of the calendar year we generally experience lower call volume and reduced demand for calls from our call advertising customers. The extent to which usage and call volume may decrease during these off-peak periods is difficult to predict. Prolonged or severe decreases in usage and call volume during these periods may adversely affect our growth rate and results and in turn the market price of our securities. Historically, we have seen in the first quarter of the calendar year, this trend generally reversing with increased mobile and internet usage and often new budgets at the beginning of the year for many of our customers with fiscal years ending December 31. However, there can be no assurances such seasonal trends will consistently repeat each year. The current business environment and our industry has generally both resulted in, and we may continue to see, many advertisers and reseller partners reducing advertising and marketing services budgets or adjusting such budgets throughout the year, changing marketing strategies or agency affiliations, or advertisers being acquired by parent companies with alternative media initiatives, which we expect will impact our quarterly results of operations in addition to the typical seasonality seen in our industry.

We believe that our future revenue growth will depend on, among other factors, our ability to attract new advertisers, compete effectively, maximize our sales efforts, demonstrate a positive return on investment for advertisers, successfully improve existing products and services, and develop successful new products and services. If we are unable to generate adequate revenue growth and to manage our expenses, we may continue to incur significant losses in the future and may not be able to achieve or maintain profitability.

Service Costs

Our service costs represent the cost of providing our performance-based advertising services and our search marketing services. The service costs that we have incurred in the periods presented primarily include:

- user acquisition costs;
- telecommunication costs, including the use of phone numbers relating to our call products and services;
- colocation service charges of our network equipment;
- bandwidth, network and software license fees;
- network operations;
- serving our search results;
- payroll and related expenses of related personnel;
- fees paid to outside service providers;
- depreciation of our websites, network equipment and software;
- delivering customer service;
- license and content fees;
- amortization of intangible assets;
- maintaining our websites;
- domain name registration renewal fees;
- domain name costs;
- credit card processing fees; and
- stock-based compensation of related personnel.

User Acquisition Costs

For the periods presented the largest component of our service costs consists of user acquisition costs that relate primarily to payments made to distribution partners for access to their mobile, online, offline, or other user traffic. We enter into agreements of varying durations with distribution partners that integrate our services into their web sites, indexes or other sources of user traffic. The primary economic structure of the distribution partner agreements is a variable payment based on a specified percentage of revenue.

These variable payments are often subject to minimum payment amounts per phone call or other action. Other payment structures that to a lesser degree exist include:

- variable payments based on a specified metric, such as number of paid phone calls or other actions;
- fixed payments, based on a guaranteed minimum amount of usage delivered; and
- a combination arrangement with both fixed and variable amounts that may be paid in advance.

We expense user acquisition costs based on whether the agreement provides for variable or fixed payments. Agreements with variable payments based on a percentage of revenue, number of paid phone calls, or other metrics are expensed as incurred based on the volume of the underlying activity or revenue multiplied by the agreed-upon price or rate. Agreements with fixed payments with minimum guaranteed amounts of usage are expensed at the greater of the pro-rata amount over the term of arrangement or the actual usage delivered to date based on the contractual revenue share.

Sales and Marketing

Sales and marketing expenses consist primarily of:

- payroll and related expenses for personnel engaged in marketing and sales functions;
- advertising and promotional expenditures including online and outside marketing activities;
- cost of systems used to sell to and serve advertisers; and
- stock-based compensation of related personnel.

Product Development

Product development costs consist primarily of expenses incurred in the research and development, creation and enhancement of our products and services.

Our research and development expenses include:

- payroll and related expenses for personnel;
- costs of computer hardware and software;
- costs incurred in developing features and functionality of the services we offer; and
- stock-based compensation of related personnel.

For the periods presented, substantially all of our product development expenses are research and development. Product development costs are expensed as incurred or capitalized into property and equipment in accordance with FASB ASC 350, *Intangibles – Goodwill and Other*. This statement requires that costs incurred in the preliminary project and post-implementation stages of an internal use software project be expensed as incurred and that certain costs incurred in the application development stage of a project be capitalized.

General and Administrative

General and administrative expenses consist primarily of:

- payroll and related expenses for executive and administrative personnel;
- professional services, including accounting, legal and insurance;
- bad debt provisions;
- facilities costs;
- other general corporate expenses; and
- stock-based compensation of related personnel.

Stock-Based Compensation

We measure stock-based compensation cost at the grant date based on the fair value of the award and recognize it as expense over the vesting or service period, as applicable, of the stock-based award using the straight-line method. Beginning in the first quarter of 2017, we account for forfeitures as they occur, rather than estimate expected forfeitures. Stock-based compensation expense is included in the same lines as compensation paid to the same employees in the consolidated statements of operations.

Provision for Income Taxes

We utilize the asset and liability method of accounting for income taxes. Under this method, deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax law is recognized in results of

operations in the period that includes the enactment date. On January 1, 2017, previously unrecognized excess tax benefits of \$3.7 million were recorded to accumulated deficit and an increase to our deferred tax assets with a corresponding change to the valuation allowance as a result of the adoption of ASU 2016-09. We also adopted ASU 2015-17 on January 1, 2017, which requires all deferred tax assets and liabilities, and any related valuation allowance, to be classified as non-current on the balance sheet. The adoption of this standard did not have any impact on the company's financial statements due to the full valuation allowance recorded on our deferred taxes. Uncertain tax positions as of June 30, 2017 amounted to \$1.1 million.

At June 30, 2017, based upon both positive and negative evidence available, we determined that it is not more likely than not that our deferred tax assets of \$48.5 million will be realized and accordingly, we have recorded a 100% valuation allowance of \$48.5 million against these deferred tax assets. This compares to a valuation allowance of \$44.5 million at December 31, 2016. Based on the level of historical taxable losses and the uncertainty of projections for future taxable income over the periods for which the deferred tax assets are deductible, we concluded that it is not more likely than not that the gross deferred tax assets will be realized. In assessing the realizability of deferred tax assets, we considered whether it is more likely than not that some or all of the deferred tax assets will be realized. The ultimate realization of deferred tax assets depends on the generation of future taxable income during the periods in which those temporary differences are deductible. We also considered the future reversal of deferred tax liabilities, carryback potential, projected taxable income, and tax planning strategies as well as its history of taxable income or losses in the relevant jurisdictions in making this assessment. We incurred taxable losses in 2014, 2015, and 2016. As of June 30, 2017, our federal NOL carryforwards were approximately \$71.3 million for income tax purposes, which will begin to expire in 2026. As of June 30, 2017, our state, city, and other foreign jurisdiction NOL carryforwards were approximately \$6.5 million, which begin to expire in 2025.

From time to time, various state, federal, and other jurisdictional tax authorities undertake reviews of us and our filings. We believe any adjustments that may ultimately be required as a result of any of these reviews will not be material to the financial statements.

Results of Operations

The following table presents certain of our operating results as a percentage of revenue for the periods indicated:

	Six Months Ended June 30,		Three Months Ended June 30,	
	2016	2017	2016	2017
Revenue	100%	100%	100%	100%
Expenses:				
Service costs	60%	56%	60%	55%
Sales and marketing	16%	18%	16%	16%
Product development	21%	20%	22%	20%
General and administrative	15%	16%	17%	15%
Acquisition and disposition related costs	1%	0%	1%	—
Total operating expenses	113%	110%	116%	106%
Impairment of goodwill	(90%)	(—%)	(184%)	(—%)
Loss from operations	(103%)	(10%)	(200%)	(6%)
Other expense	0%	0%	0%	0%
Loss before provision for income taxes	(103%)	(10%)	(200%)	(6%)
Income tax expense	0%	0%	0%	0%
Net loss applicable to common stockholders	(103%)	(10%)	(200%)	(6%)

Comparison of the three months ended June 30, 2016 to the three months ended June 30, 2017 and the six months ended June 30, 2016 to the six months ended June 30, 2017.

Revenue

Revenue decreased 36% from \$34.4 million for the three months ended June 30, 2016 to \$22.0 million in the same period in 2017. Revenue decreased 34% from \$70.4 million for the six months ended June 30, 2016 to \$46.4 million in the same period in 2017. This decrease was due primarily to larger advertiser budget reductions for our pay-for-call services, and fewer accounts and related performance-based advertising and platform revenues from reseller partners like YP.

We expect our revenues to be lower in the near term compared to the most recent quarters with fewer small business accounts on our local leads platform and reduced demand for calls from our call advertising customers.

Under our primary contract with YP, we generate revenues from our local leads platform to sell call advertising and/or search marketing packages through their existing sales channels, which are then fulfilled by us across our distribution network. We are paid account fees and agency fees for our products in the form of a percentage of the cost of every call or click delivered to their advertisers. We also have a separate pay-for-call relationship with YP. We charge an agreed-upon price for qualified calls or leads from our network. In 2016, we extended these agreements through December 31, 2018. The primary local leads platform arrangement provides YP flexibility to migrate active accounts to itself or a third-party provider prior to the end of an advertiser contract and provides YP with certain termination rights beginning January 1, 2018 upon four-months prior notice. We expect YP may decrease the number of new advertiser accounts with us and may elect to migrate certain active accounts to itself or a third-party provider which would result in fewer small business accounts and related revenues, as well as reduced contribution and profitability. YP's small business account base utilizing our platform has declined, and to the extent declines occur in their business, their small business accounts may spend fewer dollars on our pay-for-call services. We expect YP and local leads platform advertisers in future periods will comprise lower total revenues compared to previous periods and YP as a percentage of our total revenue may also comprise a smaller percentage of our total revenue with any revenue increase. We also have a separate distribution partner agreement with YP. Dex recently acquired YP Holdings, which is the parent company of YP. We have a separate partner reseller arrangement with Dex for call advertising services. It is possible that this acquisition may result in changes to our relationship and arrangements with YP and/or Dex, including changes that may result in a significant reduction in the paid account fees and agency fees that we receive from YP. There can be no assurance that our business with YP and/or Dex in the future will continue at or near current revenue and contribution levels, that we will be able to renew and extend the contracts, and if renewed, the contracts may be on less favorable terms to us, any of which could have a material adverse effect on our future operating results. YP was responsible for 24% of our total revenues for both the three and six months ended June 30, 2016 and YP including Dex was 22% for both the three and six months ended June 30, 2017.

We also have arrangements with advertising agencies, such as Resolution Media and OMD Digital, who act on an advertiser's behalf and may represent more than one advertiser that utilizes our products and services. Our primary arrangement with Resolution Media is for pay-for-call services whereby we charge an agreed-upon price for qualified calls or leads from our network and call analytic services. Resolution Media accounted for 20% of total revenues and less than 10% of total revenues for the three months ended June 30, 2016 and 2017, respectively, and 21% and 10% for the six months ended June 30, 2016 and 2017, respectively, of which the majority of the revenues related to a single advertiser, State Farm. State Farm, who utilizes our services through Resolution Media and OMD Digital, accounted for 22% and 16% of total revenues for the three months ended June 30, 2016 and 2017, respectively, and 24% and 17% for the six months ended June 30, 2016 and 2017, respectively. Resolution Media and OMD Digital place insertion orders for our services on behalf of State Farm for campaigns which are for a set period of time and/or budget level. We expect in the near to intermediate term campaign spend levels related to State Farm to be lower compared to previous quarters, which will result in lower total revenues and contribution.

We have revenue concentrations with certain large customers including reseller partners and advertising agencies. Many of these customers are not subject to long term contracts with us or may have contracts with near term expiration dates such as Yellow Pages Ltd ("YPG"), and are able to reduce or cease advertising spend at any time and for any reason. Reseller partners, like YPG, purchase various advertising and marketing services from us, as well as provide us with a large number of advertisers. We expect YPG local leads platform revenues to be lower prospectively compared to previous periods and may cease by the end of 2017. A loss of certain reseller partners or a decrease in revenue from these resellers could adversely affect our business. In some cases, we engage with advertisers through advertising agencies, who act on behalf of the advertisers. Advertising agencies, such as Resolution Media and OMD Digital, may place insertion orders with us on behalf of advertisers (including State Farm) for particular advertising campaigns for a set period of time and are not obligated to commit beyond the campaign governed by a particular insertion order and may also cancel the campaign prior to completion. Advertising agencies also have relationships with many different providers, each of whom may be running portions of the advertising campaign. We have call advertising arrangements with certain large customers, such as T-Mobile, which provide flexibility around financial commitments, termination rights, indemnification, and security obligations. Our large customers may vary spend levels and there can be no assurances that our large customers including T-Mobile will continue to spend at levels similar to prior quarters. If any of our largest customers are acquired, such acquisition may impact its advertising spending or budget with us, including due to rebranding, change in advertising agency, or change in media tactics. A significant reduction in advertising spending or budgets by our largest customers, or the loss of one or more of these customers, if not replaced by new customers or an increase in business from existing customers, would have a material adverse effect on our future operating results.

Our ability to maintain and grow our revenues will depend in part on maintaining and increasing the number and volume of transactions with advertisers and advertising services providers and maintaining and increasing the number of phone calls and the other actions performed by users of our services through our distribution partners. We believe this is dependent in part on delivering quality traffic that ultimately results in purchases or conversions as well as providing through our call analytics platform quality data and insights that can measure the performance of advertising spend for our advertisers and advertising service providers. Our revenues are primarily generated using third-party distribution networks to deliver the pay-for-call advertisers' listings. The distribution network includes mobile and online search engine applications, directories, destination sites, shopping engines, third-party Internet domains or web sites, other targeted Web-based content and offline sources. We generate revenue upon delivery of qualified and reported phone calls to our advertisers or to advertising services providers' listings. We pay a revenue share to the distribution partners to access their mobile, online, offline or other user traffic. We also generate revenue from cost-per-action services, which occurs when a user makes a phone call from our advertiser's listing or is redirected from one of our web sites or a third-party web site in our distribution network to an advertiser web site and completes the specified action. Other revenues include our call provisioning and call tracking services, local leads platform for resellers, and campaign management services. Companies distributing advertising through mobile and internet based sources have experienced, and are likely to continue to experience consolidation. If we do not add new distribution partners or renew our existing distribution partner agreements and on terms as favorable as current arrangements, replace traffic lost from terminated distribution agreements with other sources, or if our distribution partners' businesses do not grow or are adversely affected, our revenue and results of operations may be materially and adversely affected. We utilize phone numbers as part of our call analytics and pay-for-call services to advertisers, which enables advertisers and other users of our services to help measure the effectiveness of mobile, online, and offline advertising campaigns. If we are not able to secure or retain sufficient phone numbers needed for our services or we are limited in the number of available telecommunication carriers or vendors to provide such phone numbers to us in the event of any industry consolidation or if telecommunication carriers or vendors were to experience system disruptions, our revenue and results of operations may be materially and adversely affected. In addition, if revenue grows and the volume of transactions and traffic increases, we will need to expand our network infrastructure. Inefficiencies in our network infrastructure to scale and adapt to higher call volumes could materially and adversely affect our revenue and results of operations.

We anticipate that these variables will fluctuate in the future, affecting our ability to grow and our financial results. In particular, it is difficult to project phone call usage, the number of phone calls or other actions performed by users of our products and services, which will be delivered to our advertisers, and how much advertisers will spend with us and the amount they are willing to pay for our products and services. It is even more difficult to anticipate the average revenue per phone call or other performance-based actions. It is also difficult to anticipate the impact of worldwide and domestic economic conditions on advertising budgets.

In addition, we believe we will experience seasonality. Our quarterly results have fluctuated in the past and may fluctuate in the future due to seasonal fluctuations in levels of mobile and internet usage and seasonal purchasing cycles of many advertisers. Our experience has shown that during the spring and summer months, mobile and Internet usage is lower than during other times of the year and during the latter part of the fourth quarter of the calendar year we generally experience lower call volume and reduced demand for calls from our call advertising customers. The extent to which usage and call volume may decrease during these off-peak periods is difficult to predict. Prolonged or severe decreases in usage and call volume during these periods may adversely affect our growth rate and results and in turn the market price of our securities. Historically, we have seen in the first quarter of the calendar year, this trend generally reversing with increased mobile and internet usage and often new budgets at the beginning of the year for many of our customers with fiscal years ending December 31. However, there can be no assurances such seasonal trends will consistently repeat each year. The current business environment and our industry has generally both resulted in, and we may continue to see, many advertisers and reseller partners reducing advertising and marketing services budgets or adjusting such budgets throughout the year, changing marketing strategies or agency affiliations, or advertisers being acquired by parent companies with alternative media initiatives, which we expect will impact our quarterly results of operations in addition to the typical seasonality seen in our industry.

We believe that our future revenue growth will depend on, among other factors, our ability to attract new advertisers, compete effectively, maximize our sales efforts, demonstrate a positive return on investment for advertisers, successfully improve existing products and services, and develop successful new products and services. If we are unable to generate adequate revenue growth and to manage our expenses, we may continue to incur significant losses in the future and may not be able to achieve or maintain profitability.

Expenses

Expenses were as follows (in thousands):

	Six months ended June 30,				Three months ended June 30,			
	2016	% of revenue	2017	% of revenue	2016	% of revenue	2017	% of revenue
Service costs	\$ 42,459	60%	\$ 25,773	56%	\$ 20,477	60%	\$ 12,175	55%
Sales and marketing	11,171	16%	8,463	18%	5,649	16%	3,471	16%
Product development	15,027	21%	9,553	20%	7,555	22%	4,283	20%
General and administrative	10,495	15%	7,424	16%	5,833	17%	3,394	15%
Acquisition and disposition related costs	308	1%	—	—%	304	1%	—	—%
	<u>\$ 79,460</u>	<u>113%</u>	<u>\$ 51,213</u>	<u>110%</u>	<u>\$ 39,818</u>	<u>116%</u>	<u>\$ 23,323</u>	<u>106%</u>

We record stock-based compensation expense under the fair value method. Stock-based compensation expense was included in the following operating expense categories as follows (in thousands):

	Six months ended June 30,		Three months ended June 30,	
	2016	2017	2016	2017
Service costs	\$ 405	\$ 255	\$ 207	\$ 130
Sales and marketing	968	469	529	63
Product development	1,161	298	629	207
General and administrative	2,933	1,316	2,136	581
Total stock-based compensation	<u>\$ 5,467</u>	<u>\$ 2,338</u>	<u>\$ 3,501</u>	<u>\$ 981</u>

See Note 3. *Stock-based Compensation Plans* of the Notes to Condensed Consolidated Financial Statements as well as our Critical Accounting Policies for additional information about stock-based compensation.

Service Costs. Service costs decreased 41% from \$20.5 million for the three months ended June 30, 2016 to \$12.2 million in the same period in 2017. As a percentage of revenues, service costs were 60% and 55% for the three months ended June 30, 2016 and 2017, respectively. The decrease in dollars was primarily due to a decrease in distribution partner payments, personnel costs, stock-based compensation, and communication and network costs totaling \$8.2 million. The decrease as a percentage of revenue was primarily a result of lower distribution partner payments and decreases in overall operating costs.

Service costs decreased 39% from \$42.5 million in the six months ended June 30, 2016 to \$25.8 million in the same period in 2017. As a percentage of revenues, service costs were 60% and 56% for the six months ended June 30, 2016 and 2017, respectively. The decrease in dollars was primarily due to a decrease in distribution partner payments, personnel costs, stock-based compensation, and communication and network costs totaling \$16.3 million. The decrease as a percentage of revenue was primarily a result of lower distribution partner payments and decreases in overall operating costs.

We expect that user acquisition costs and revenue shares to distribution partners are likely to increase prospectively given the competitive landscape for distribution partners. To the extent that payments to pay-for-call, or cost-per-action distribution partners make up a larger percentage of future operations, or the addition or renewal of existing distribution partner agreements are on terms less favorable to us, we expect that service costs will increase as a percentage of revenue. To the extent of revenue declines in these areas, we expect revenue shares to distribution partners to decrease in absolute dollars. Our other sources of revenues, such as our local leads platform have no corresponding distribution partner payments and accordingly have a lower service cost as a percentage of revenue relative to our overall service cost percentage. In addition, advertisers from whom we generate a portion of our call advertising revenues through our local leads platform generally have lower service costs as a percentage of revenue relative to our overall service cost percentage. To the extent our local leads platform makes up a smaller percentage of our future operations, we expect that service costs will increase as a percentage of revenue. We expect in the near and intermediate term for service costs as a percentage of revenue to be relatively stable, and in absolute dollars for service costs to be stable to modestly lower relative to the most recent quarterly periods. We also expect service costs in absolute dollars to increase over the longer term in connection with any revenue increase and expansion in our communication and network infrastructure.

Sales and Marketing. Sales and marketing expenses decreased 39% from \$5.6 million for the three months ended June 30, 2016 to \$3.5 million in the same period in 2017. The decrease was primarily due to a decrease in personnel costs, stock-based compensation, and travel costs totaling \$1.9 million. As a percentage of revenue, sales and marketing expenses were 16% for both the three months ended June 30, 2016 and 2017.

Sales and marketing expenses decreased 24% from \$11.2 million for the six months ended June 30, 2016 to \$8.5 million in the same period in 2017. The net decrease in dollars was primarily attributable to a decrease in personnel costs which included \$307,000 of employee separation related costs in the 2017 period, stock-based compensation, and travel costs totaling \$2.3 million. As a percentage of revenue, sales and marketing expenses were 16% and 18% for the six months ended June 30, 2016 and 2017, respectively. The increase as a percentage of revenue was primarily attributable to lower revenues in 2017.

We expect some volatility in sales and marketing expenses based on the timing of marketing initiatives but expect sales and marketing expenses in the near and intermediate term to be relatively stable to lower in absolute dollars relative to the most recent quarterly periods. We expect that sales and marketing expenses will increase in connection with any revenue increase to the extent that we also increase our marketing activities and correspondingly could increase as a percentage of revenue.

Product Development. Product development expenses decreased 43% from \$7.6 million for the three months ended June 30, 2016 to \$4.3 million in the same period in 2017. As a percentage of revenue, product development expenses were 22% and 20% for the three months ended June 30, 2016 and 2017, respectively. The net decrease in dollars and percentage was primarily due to a decrease in personnel costs, stock-based compensation, and travel costs totaling \$3.2 million.

Product development expenses decreased 36% from \$15.0 million for the six months ended June 30, 2016 to \$9.6 million in the same period in 2017. The net decrease in dollars was primarily due to a decrease in personnel costs, which included \$358,000 of employee separation related costs in the 2017 period, stock-based compensation, and travel costs totaling \$5.3 million. As a percentage of revenue, product development expenses were relatively flat at 20% for both the six months ended June 30, 2016 and 2017.

We expect product development expenditures to be stable to lower in the near and intermediate term in absolute dollars relative to our most recent quarterly periods. In the longer term, to the extent our revenues increase, we expect that product development expenses will increase in absolute dollars as we increase the number of personnel and consultants to enhance our service offerings and as a result of additional stock-based compensation expense.

General and Administrative. General and administrative expenses decreased 42% from \$5.8 million for the three months ended June 30, 2016 to \$3.4 million in the same period in 2017. As a percentage of revenue, general and administrative expenses were 17% and 15% for the three months ended June 30, 2016 and 2017, respectively. The net decrease in dollars and percentage was primarily due to a decrease in personnel costs, stock-based compensation, and fees paid to outside service providers totaling \$2.4 million.

General and administrative expenses decreased 29% from \$10.5 million in the six months ended June 30, 2016 to \$7.4 million in the same period in 2017. The net decrease in dollars was primarily due to a decrease in personnel costs, stock-based compensation, and fees paid to outside service providers totaling \$3.1 million. As a percentage of revenue, general and administrative expenses were relatively flat at 15% and 16% for the six months ended June 30, 2016 and 2017, respectively.

We expect our general and administrative expenses to be stable in the near and intermediate terms relative to our most recent quarterly periods. We expect that our general and administrative expenses will increase in the longer term to the extent that we expand our operations, and incur additional costs in connection with being a public company, including expenses related to professional fees and insurance, and as a result of stock-based compensation expense. We also expect fluctuations in our general and administrative expenses to the extent the recognition timing of stock compensation is impacted by market conditions relating to our stock price and forfeitures.

Impairment of goodwill. For the three months ended June 30, 2016, our stock price was impacted by volatility in the U.S. financial markets, and traded below the then book value for an extended period of time. Accordingly, we tested goodwill for impairment and concluded that the carrying value exceeded the estimated fair value of our single reporting unit and recognized an impairment loss during the second quarter of 2016 of \$63.3 million reducing our goodwill to \$0 on our balance sheet. The estimated fair value of our single reporting unit was based on estimates of future operating results, discounted cash flows and other market-based factors, including our stock price. The goodwill impairment loss resulted primarily from a sustained decline in our common stock share price and market capitalization as well as lower projected revenue growth rates and profitability levels compared to historical results. The lower projected operating results reflected changes in assumptions related to organic revenue growth rates, market trends, business mix, cost structure, and other expectations about the anticipated short-term and long-term operating results.

Income Taxes. Income tax expense for the three and six months ended June 30, 2016 and 2017, was \$12,000 and \$25,000, respectively, and consisted of state income taxes. The effective tax rate differed from the expected tax rate of 34% due to a full valuation allowance and to a lesser extent due to state income taxes, non-deductible stock-based compensation related to incentive stock options recorded under the fair-value method, federal research and development credits, and other non-deductible amounts.

Net Loss. Net loss was (\$68.8) million and (\$72.5) million in the three and six months ended June 30, 2016, respectively, and was (\$1.3) million and (\$4.8) million in the same periods in 2017, respectively. The reduction in loss was primarily attributable to a goodwill impairment charge in the second quarter of 2016 in the amount of \$63.3 million. The reduction in loss to a lesser extent was also due to the effect of fewer personnel, lower distribution partner payments and overall operating costs in 2017, which were partially offset by lower revenues and \$700,000 of employee related separation costs.

Liquidity and Capital Resources

As of June 30, 2017, we had cash and cash equivalents of \$102.4 million and we had current and long term contractual obligations of \$16.8 million, of which \$12.3 million is for rent under our facility leases.

Cash used in operating activities for the six months ended June 30, 2017 of approximately \$624,000 consisted primarily of a net loss of \$4.8 million, adjusted for non-cash items of \$4.3 million, which primarily includes depreciation and amortization, allowance for doubtful accounts and advertiser credits, and stock-based compensation, and approximately \$156,000 used in working capital and other activities.

Cash used in operating activities for the six months ended June 30, 2016 of approximately \$2.7 million consisted primarily of a net loss of \$72.5 million, adjusted for non-cash items of \$71.1 million, including impairment of goodwill of \$63.3 million, depreciation and amortization, allowance for doubtful accounts and advertiser credits, stock-based compensation, and approximately \$1.3 million used in working capital and other activities.

With respect to a majority of our call-based advertising services, the amount payable to our distribution partners will be calculated at the end of a calendar month, with a payment period following the delivery of the phone calls or other actions. These services constituted a significant portion of revenues for the three and six months ended June 30, 2016 and 2017. We generally receive payment from advertisers in close proximity to the timing of the corresponding payments to the distribution partners who provide calls, other delivery actions, or placement for the listings. In certain cases, payments to distribution partners are paid in advance or are fixed in advance based on a guaranteed minimum amount of usage delivered. We have no corresponding payments to distribution partners related to our local leads platform.

Nearly all of our reseller partner arrangements are billed on a monthly basis following the month of our phone call or other action delivery. This payment structure results in our advancement of monies to the distribution partners who have provided the corresponding calls, other delivery actions, or placements of the listings. For these services, reseller partner payments are generally received two to four weeks following payment to the distribution partners. We also have payment arrangements with advertising agencies whereby we receive payment after the agency's advertiser pays the agency, which is generally between 60 and 120 days or longer, following the delivery of services. We expect that in the future periods, if the amounts from our reseller partner and agency arrangements account for a greater percentage of our operating activity, working capital requirements will increase as a result.

We have payment arrangements with reseller partners, such as YP and/or Dex, CDK Global, hibu, and YPG whereby we receive payment generally between 30 and 60 days following the delivery of services. We also have payment arrangements with Resolution Media and OMD Digital, advertising agencies related to our call advertising services, whereby we receive payment when the agency's advertiser pays the agency, which is generally between 60 and 90 days following the delivery of services and in some instances may take longer. For the six months ended and as of June 30, 2017, amounts from these partners and agencies totaled 52% of total revenue and \$9.1 million in net accounts receivable. Based on the timing of payments, we generally have this level of amounts in outstanding accounts receivable at any given time from these partners and advertising agencies. A single advertiser, State Farm, who represented the majority of the revenue and accounts receivable generated by Resolution Media and OMD Digital, accounted for 17% of total revenues and 27% of accounts receivable for the six months ended and as of June 30, 2017, respectively. We expect campaign spend levels related to State Farm to be lower compared to previous periods, which will result in lower total revenues and contributions. For the six months ended and as of June 30, 2017, amounts from these resellers and agencies along with T-Mobile accounted for 61% of total revenue and \$10.9 million in net accounts receivable.

In 2016, we extended our local leads platform and pay-for-call services agreements with YP through December 31, 2018. The primary local leads platform arrangement provides YP flexibility to migrate active accounts to itself or a third-party provider prior to the end of an advertiser contract and provides YP with certain termination rights beginning January 1, 2018 upon four-months prior notice. We also have a separate distribution partner agreement with YP. We expect YP and local leads platform advertisers in future periods will comprise lower total revenues compared to previous periods. Dex recently acquired YP Holdings, which is the parent company of YP. We have a separate partner reseller arrangement with Dex for call advertising services. It is possible that this acquisition may result in changes to our relationship and arrangements with YP and/or Dex, including changes that may result in a significant reduction in the paid account fees and agency fees that we receive from YP. There can be no assurance that our business with YP and/or Dex in the future will continue at or near current revenue and contribution levels, that we will be able to renew and extend the contracts, and if renewed, the contracts may be on less favorable terms to us, any of which could have a material adverse effect on our future operating results. Net accounts receivable balances outstanding as of June 30, 2017 from YP including Dex totaled \$3.2 million.

We have revenue concentrations with certain large advertisers including reseller partners and advertising agencies. Many of these customers are not subject to long term contracts with us or have contracts with near term expiration dates such as YPG, and are generally able to reduce or cease advertising spending at any time and for any reason. Reseller partners, like YPG, purchase various advertising and marketing services, as well as provide us with a large number of advertisers. We expect YPG local leads platform revenues to be lower prospectively compared to previous periods and may cease by the end of 2017. A loss of certain reseller partners or a decrease in revenue from these resellers could adversely affect our business. Advertising agencies, such as Resolution Media and OMD Digital, may place insertion orders with us on behalf of advertisers (including State Farm) for particular advertising campaigns for a set period of time and are not obligated to commit beyond the campaign governed by a particular insertion order and may also cancel the campaign prior to completion. Advertising agencies also have relationships with many different providers, each of whom may be running portions of the advertising campaign. We have call advertising arrangements with certain large customers, such as T-Mobile, which provide flexibility around financial commitments, termination rights, indemnification, and security obligations. Our large customers may vary spend levels and there can be no assurances that our large customers including T-Mobile will continue to spend at levels similar to prior quarters. If any of our largest customers are acquired, such acquisition may impact its advertising spending or budget with us, including due to rebranding, change in advertising agency, or change in media tactics. A significant reduction in advertising spending or budgets by our largest customers, or the loss of one or more of these customers, if not replaced by new customers or an increase in business from existing customers, would adversely affect revenues and profitability. This could have a material adverse effect on our results of operations and financial condition. There can be no assurances that these partners or other advertisers will not experience financial difficulty, curtail operations, reduce or eliminate spend budgets, change marketing strategies or agency affiliations, be acquired by parent companies with alternative media tactics, delay payments or otherwise forfeit balances owed.

Cash used in investing activities for the six months ended June 30, 2017 of approximately \$912,000 was primarily attributable to purchases for property and equipment. Cash used in investing activities for the six months ended June 30, 2016 of approximately \$594,000 was primarily attributable to purchases for property and equipment of approximately \$362,000 and cash paid for costs incurred as a result of the sale of the remaining Archeo assets of \$224,000.

We expect property and equipment purchases in the near and intermediate term to be stable relative to our most recent periods. We expect any increase to our operations to have a corresponding increase in expenditures for our systems and personnel. We expect our expenditures for product development initiatives and internally developed software will be modestly lower in the near and intermediate term and increase in the longer term in absolute dollars with any acceleration in development activities and as we increase the number of personnel and consultants to enhance our service offerings. In the intermediate to long term, we also expect to increase the number of personnel supporting our sales, marketing and related growth initiatives.

Cash provided by financing activities for the six months ended June 30, 2017 of approximately \$15,000 was primarily attributable to proceeds from the employee stock purchase plan. Cash used in financing activities for the six months ended June 30, 2016 of approximately \$131,000 was primarily attributable to repurchases of 89,000 shares of Class B common stock for treasury and minimum tax withholding payments related to certain executive restricted stock award vests totaling \$459,000, which was partially offset by proceeds primarily from employee stock option exercises and the employee stock purchase plan of \$328,000.

The following table summarizes our contractual obligations as of June 30, 2017, and the effect these obligations are expected to have on our liquidity and cash flows in future periods (in thousands).

	<u>Total</u>	<u>Less than 1 year</u>	<u>1-3 years</u>	<u>4-5 years</u>
Contractual Obligations:				
Operating leases	\$ 12,117	\$ 1,596	\$ 2,773	\$ 7,748
Other contractual obligations	4,524	3,373	1,150	1
Total contractual obligations (1)	<u>\$ 16,641</u>	<u>\$ 4,969</u>	<u>\$ 3,923</u>	<u>\$ 7,749</u>

(1) Our tax contingencies of \$1.1 million are not included due to their uncertainty.

We anticipate that we will need to invest working capital towards the development of our overall operations and to fund any losses from operations, and we expect that capital expenditures may increase in future periods, particularly with any increase in our operating activities. We may also pursue a significant number of acquisitions. As a result, we could experience a reduction of our cash balances or the incurrence of debt.

In November 2014, our board of directors authorized a new share repurchase program (the "2014 Repurchase Program") which supersedes and replaces any prior repurchase programs. Under the 2014 Repurchase Program, we are authorized to repurchase up to 3 million shares of our Class B common stock in the aggregate through open market and privately negotiated transactions, at such times and in such amounts as we deem appropriate. Repurchases may also be made under a Rule 10b5-1 plan, which would permit shares to be repurchased when we might otherwise be precluded from doing so under insider trading laws. The timing and actual number of shares repurchased will depend on a variety of factors including price, corporate and regulatory requirements, capital availability, and other market conditions. The 2014 Repurchase Program does not have an expiration date and may be expanded, limited or terminated at any time without prior notice. We have made no repurchases under the 2014 Repurchase Program for the six months ended June 30, 2016 and 2017.

Based on our operating plans we believe that our resources will be sufficient to fund our operations for at least twelve months. Additional equity and debt financing may be needed to support our acquisition strategy, our long-term obligations and our company's needs. There can be no assurance that, if we needed additional funds, financing arrangements would be available in amounts or on terms acceptable to us, if at all. Failure to generate sufficient revenue or raise additional capital could have a material adverse effect on our ability to continue as a going concern and to achieve our intended business objectives.

Critical Accounting Policies

The policies below are critical to our business operations and the understanding of our results of operations. In the ordinary course of business, we make a number of estimates and assumptions relating to the reporting of our results.

Our condensed consolidated financial statements have been prepared using accounting principles generally accepted in the United States for interim financial information. The preparation of these condensed consolidated financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenue and expenses and the related disclosures of contingent assets and liabilities. We base our estimates on historical experience and on various assumptions that we believe to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

Our critical accounting policies relate to the following matters and are described below:

- Revenue;
- Stock-based compensation;
- Allowance for doubtful accounts and advertiser credits; and
- Provision for income taxes.

Revenue

We currently generate revenue by delivering call advertising services that enable advertisers of all sizes to reach consumers across online, mobile and offline sources. Our primary source of revenue is performance-based advertising, which includes pay-for-call advertising and cost-per-action services. For pay-for-call advertising, revenue is recognized upon delivery of qualified and reported phone calls or other action to our advertisers or advertising service providers' listing which occurs when a mobile, online or offline user makes a phone call or clicks on any of their advertisements after it has been placed by us or by our distribution partners.

Each phone call or other action on an advertisement listing represents a completed transaction. For cost-per-action services, revenue is recognized when a user makes a phone call from our advertiser's listing or is redirected from one of our websites or a third-party website in our distribution network to an advertiser website and completes the specified action.

We have entered into agreements with various distribution partners in order to expand our distribution network, which includes search engines, directories, product shopping engines, third-party vertical and branded websites, and mobile and offline sources. We generally pay distribution partners based on a specified percentage of revenue or a fixed amount per phone call or other action on these listings. We act as the primary obligor in these transactions, and we are responsible for providing customer and administrative services to the advertiser. In accordance with FASB ASC 605, *Revenue Recognition* the revenue derived from advertisers who receive paid introductions through us as supplied by distribution partners is reported gross based upon the amounts received from the advertiser. We also recognize revenue for certain agency contracts with advertisers under the net revenue recognition method. Under these specific agreements, we purchase listings on behalf of advertisers from search engines and directories. We are paid account fees and also agency fees based on the total amount of the purchase made on behalf of these advertisers. Under these agreements, our advertisers are primarily responsible for choosing the publisher and determining pricing, and we, in certain instances, are only financially liable to the publisher for the amount collected from our advertisers. This creates a sequential liability for media purchases made on behalf of advertisers. In certain instances, the web publishers engage the advertisers directly and we are paid an agency fee based on the total amount of the purchase made by the advertiser. In limited arrangements, resellers pay us a fee for fulfilling an advertiser's campaign in our distribution network and we act as the primary obligor. We recognize revenue for these fees under the gross revenue recognition method.

When an arrangement involves multiple deliverables, the entire fee from the arrangement is allocated to each respective deliverable based on its relative selling price and recognized when revenue recognition criteria for each deliverable are met. The selling price for each deliverable is established based on the sales price charged when the same deliverable is sold separately, the price at which a third-party sells the same or similar and largely interchangeable deliverable on a standalone basis or the estimated selling price if the deliverable were to be sold separately.

In certain cases, we record revenue based on available and reported preliminary information from third parties. Collection on the related receivables may vary from reported information based upon third-party refinement of the estimated and reported amounts owed that occurs subsequent to period ends.

Stock-Based Compensation

FASB ASC 718, *Compensation – Stock Compensation* requires the measurement and recognition of compensation for all stock-based awards made to employees, non-employees and directors including stock options, restricted stock issuances, and restricted stock units be based on estimated fair values. Beginning January 1, 2017, we account for forfeitures as they occur, rather than estimating expected forfeitures. We measure stock-based compensation cost at the grant date based on the fair value of the award and recognize it as expense over the vesting or service period, as applicable, of the stock-based award using the straight-line method.

We generally use the Black-Scholes option pricing model as our method of valuation for stock-based awards with time-based vesting. Our determination of the fair value of stock-based awards on the date of grant using an option pricing model is affected by our stock price as well as assumptions regarding a number of highly complex and subjective variables. These variables include, but are not limited to the expected life of the award, our expected stock price, volatility over the term of the award and actual and projected exercise behaviors.

Although the fair value of stock-based awards is determined in accordance with FASB ASC 718, *Compensation – Stock Compensation*, the assumptions used in calculating fair value of stock-based awards and the use of the Black-Scholes option pricing model is highly subjective, and other reasonable assumptions could provide differing results. As a result, if factors change and we use different assumptions, our stock-based compensation expense could be materially different in the future. See Note 3 Stock-based Compensation Plans in the Condensed Notes to Consolidated Financial Statements for additional information.

Allowance for Doubtful Accounts and Advertiser Credits

Accounts receivable balances are presented net of allowance for doubtful accounts and advertiser credits. The allowance for doubtful accounts is our best estimate of the amount of probable credit losses in our accounts receivable. We determine our allowance based on analysis of historical bad debts, advertiser concentrations, advertiser creditworthiness and current economic trends. We review the allowance for collectability on a quarterly basis. Account balances are written off against the allowance after all reasonable means of collection have been exhausted and the potential recovery is considered remote. If the financial condition of our advertisers were to deteriorate, resulting in an impairment of their ability to make payments, or if we underestimated the allowances required,

additional allowances may be required which would result in increased general and administrative expenses in the period such determination was made.

We determine our allowance for advertiser credits and adjustments based upon our analysis of historical credits. Material differences may result in the amount and timing of our revenue for any period if our management made different judgments and estimates.

Provision for Income Taxes

We are subject to income taxes in the U.S. Significant judgment is required in evaluating our uncertain tax positions and determining our provision for income taxes. We utilize the asset and liability method of accounting for income taxes. Under this method, deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax law is recognized in results of operations in the period that includes the enactment date. On January 1, 2017, previously unrecognized excess tax benefits of \$3.7 million were recorded to accumulated deficit and an increase to our deferred tax assets with a corresponding change to the valuation allowance as a result of the adoption of ASU 2016-09. We also adopted ASU 2015-17, on January 1, 2017, which requires all deferred tax assets and liabilities, and any related valuation allowance, to be classified as non-current on the balance sheet. The adoption of this standard did not have any impact on the company's financial statements due to the full valuation allowance recorded on our deferred taxes. Uncertain tax positions as of June 30, 2017 amounted to \$1.1 million.

We determined that it is not more likely than not that its deferred tax assets will be realized and accordingly recorded 100% valuation allowance against these deferred tax assets as of December 31, 2016 and June 30, 2017. In assessing whether it is more likely than not that our deferred tax assets will be realized, factors considered included: historical taxable income, historical trends related to advertiser usage rates, projected revenues and expenses, macroeconomic conditions, issues facing the industry, existing contracts, our ability to project future results and any appreciation of its other assets. The ultimate realization of deferred tax assets depends on the generation of future taxable income during the periods in which those temporary differences are deductible. We considered the future reversal of deferred tax liabilities, carryback potential, projected taxable income, and tax planning strategies as well as its history of taxable income or losses in the relevant jurisdictions in making this assessment. Based on the level of historical taxable losses and the uncertainty of projections for future taxable income over the periods for which the deferred tax assets are deductible, we concluded that it is not more likely than not that the gross deferred tax assets will be realized.

Recent Accounting Pronouncement Not Yet Effective

In May 2014, the FASB issued Accounting Standards Update No. 2014-09, *Revenue from Contracts with Customers (Topic 606) (ASU 2014-09)*, which amends the existing accounting standards for revenue recognition. ASU 2014-09 requires an entity to recognize the amount of revenue to which it expects to be entitled when products or services are transferred to customers. In July 2015, the FASB voted to approve a one-year delay of the effective date. ASU 2014-09 is effective for annual reporting periods beginning after December 15, 2017, including interim periods within that reporting period. Early adoption is permitted as of annual reporting periods beginning after December 15, 2016, including interim reporting periods within those annual periods. ASU 2014-09 may be applied using either (i) a full retrospective approach for all periods presented in the period of adoption, or (ii) a modified retrospective approach with the cumulative effect of initially applying the new standard recognized at the date of adoption and providing certain additional disclosures. In 2016, the FASB issued additional guidance to clarify the implementation guidance including ASU No. 2016-08, *Revenue from Contracts with Customers - Principal versus Agent Considerations*. This ASU clarifies the implementation guidance for principal versus agent considerations in ASU No. 2014-09 and provides indicators that assist in the assessment of control. We will adopt the new standard on January 1, 2018 using the modified retrospective approach. We have initiated an assessment of our revenue streams and a project plan for implementing these standards. Our evaluation of the impact of the new standard is ongoing and we have not yet completed our assessment of the effect that ASU No. 2014-09 and related standards will have on our consolidated financial statements and related disclosures.

In February 2016, the FASB issued Accounting Standards Update No. 2016-02 *Leases (Topic 842) (ASU 2016-02)*, an ASU requiring the recognition of lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. The ASU is effective for reporting periods beginning after December 15, 2018, with early adoption permitted. We currently plan to adopt the new standard on January 1, 2019. The ASU must be adopted using a modified retrospective approach. We anticipate that adoption will affect our statement of financial position and will require changes to some of our processes. Most significant to us, the new guidance requires lessees to recognize operating building leases with a

term of more than 12 months as lease assets and lease liabilities. We are currently in the process of evaluating the impact of adoption of ASU 2016-02 on our consolidated financial statements.

In June 2016, the FASB issued Accounting Standards Update No. 2016-13, *Financial Instruments — Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments (ASU 2016-13)*, an ASU amending the impairment model for most financial assets and certain other instruments. The ASU is effective for reporting periods beginning after December 15, 2019, with early adoption permitted after December 15, 2018. The ASU must be adopted using a modified-retrospective approach. We do not expect adoption of ASU 2016-13 to have a material impact on our consolidated financial statements.

In August 2016, the FASB issued Accounting Standards Update No. 2016-15, *Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments (ASU 2016-15)*, an ASU which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The ASU is effective for reporting periods beginning after December 15, 2017, with early adoption permitted. The ASU must be adopted using retrospective approach. We do not expect adoption of ASU 2016-15 to have a material impact on its consolidated financial statements.

In October 2016, the FASB issued Accounting Standards Update No. 2016-16, *Income Taxes (Topic 740), Intra-Entity Transfers of Assets other than Inventory (ASU 2016-16)*, an ASU requiring the recognition of income tax effects of intercompany sales and transfers of assets other than inventory in the period in which the transfer occurs. The ASU is effective for reporting periods beginning after December 15, 2017, with early adoption permitted. The ASU must be adopted using a modified retrospective approach. We do not expect adoption of ASU 2016-16 to have a material impact on its consolidated financial statements.

In November 2016, the FASB issued Accounting Standards Update No. 2016-18, *Statement of Cash Flows (Topic 230): Restricted Cash (a Consensus of the FASB Emerging Issues Task Force) (ASU 2016-18)*, an ASU requiring entities to show the changes in the total of cash, cash equivalents, restricted cash and restricted cash equivalents in the statement of cash flows. As a result, entities will no longer present transfers between cash and cash equivalents and restricted cash and restricted cash equivalents in the statement of cash flows. The ASU is effective for reporting periods beginning after December 15, 2017, with early adoption permitted. The ASU must be adopted using retrospective approach. We do not expect adoption of ASU 2016-18 to have a material impact on its consolidated financial statements.

In January 2017, the FASB issued Accounting Standards Update No. 2017-01, *Business Combinations (Topic 805), Clarifying the Definition of a Business (ASU 2017-01)*, an ASU changing the definition of a business to assist with evaluating whether a set of transferred assets and activities is a business. The ASU is effective for reporting periods beginning after December 15, 2017, and interim periods within those years, with early adoption permitted. The ASU must be adopted using a prospective approach on or after the effective date. We do not expect adoption of ASU 2017-01 to have a material impact on our consolidated financial statements.

In May 2017, the FASB issued Accounting Standards Update No. 2017-09, *Compensation - Stock Compensation (Topic 718), Scope of Modification Accounting*, an ASU clarifying when changes to the terms or conditions of a share-based payment award must be accounted for as modifications. The ASU is effective for reporting periods beginning after December 15, 2017, with early adoption permitted. The ASU should be adopted using a prospective approach on or after the adoption date. We do not expect adoption of ASU 2017-09 to have a material impact on our consolidated financial statements.

Web site

Our web site, www.marchex.com, provides access, without charge, to our annual report on Form 10-K as amended, quarterly reports on Form 10-Q, current reports on Form 8-K, and all amendments to those reports as soon as reasonably practicable after such materials are electronically filed with the Securities and Exchange Commission. To view these filings, please go to our web site and click on “Investor Relations” and then click on “SEC Filings.” Investors and others should note that we announce material financial information to our investors using our investor relations website, press releases, SEC filings, and public conference calls and webcasts. We also use the following social media channels as a means of disclosing information about us, our services, and other matters, and for complying with our disclosure obligations under Regulation FD:

- Marchex Twitter Account (<https://twitter.com/marchex>)
- Marchex Company Blog (<http://www.marchex.com/blog>)
- Marchex LinkedIn Account (<http://linkedin.com/company/marchex>)

The information we post through these social media channels may be deemed material. Accordingly, investors should monitor the above account and the blog, in addition to following our investor relations website, press releases, SEC filings, and public conference calls and webcasts. This list may be updated from time to time. The information we post through these channels is not a part of this Quarterly Report on Form 10-Q.

Item 3. Quantitative and Qualitative Disclosures about Market Risk

Our exposure to market risk is limited to foreign currency and interest income sensitivity, which is affected by changes in the general level of U.S. interest rates, particularly because the majority of our investments are in short-term, money market funds. We place our investments with high-quality financial institutions. Due to the nature of our short-term investments, we believe that we are not subject to any material market risk exposure. We do not have any material foreign currency or other derivative financial instruments. The effect of changes in foreign currency exchange rates on our operating results was not material.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

As of the end of the period covered by this report, we carried out an evaluation, under the supervision and with the participation of our principal executive officer and our principal financial officer, of the effectiveness of our “disclosure controls and procedures” (as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934). Based on this evaluation, our principal executive officer and our principal financial officer have concluded that, as of the date of the evaluation, our disclosure controls and procedures were effective.

Changes in Internal Control over Financial Reporting

During the three months ended June 30, 2017, no change was made to our internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

Limitations on the Effectiveness of Controls

In designing and evaluating the disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, cannot provide absolute assurance of achieving the desired control objectives.

In addition, because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

PART II—OTHER INFORMATION

Item 1. Legal Proceedings

We are not a party to any material legal proceedings. From time to time, however, we may be subject to legal proceedings and claims in the ordinary course of business, including claims of alleged infringement of intellectual property rights, and a variety of claims arising in connection with our products and services.

Item 1A. Risk Factors

Set forth below and elsewhere in this report and in other documents we file with the SEC are risks and uncertainties that could cause our actual results to materially differ from the results contemplated by the forward-looking statements contained in this report and in other documents we file with the SEC. Some of the risk factors were previously disclosed in our December 31, 2016 Annual Report on Form 10-K as amended. They have been updated to include information as of August 4, 2017.

An investment in our Class B common stock involves various risks, including those mentioned below and those that are discussed from time to time in our other periodic filings with the SEC. Investors should carefully consider these risks, along with the other information contained in this report, before making an investment decision regarding our stock. There may be additional risks of which we are currently unaware, or which we currently consider immaterial. All of these risks could have a material adverse effect on our business, financial condition, results of operations, and the value of our stock.

Risks Relating to Our Company

We have largely incurred net losses since our inception, and we may incur net losses in the foreseeable future.

We had an accumulated deficit of \$252.4 million as of June 30, 2017. Our net expenses may increase based on the initiatives we undertake which for instance, may include increasing our sales and marketing activities, hiring additional personnel, incurring additional costs as a result of being a public company, acquiring additional businesses and making additional equity grants to our employees. This may result in the reduction of our cash balances or the incurrence of debt.

We have in the past and may in the future find it advisable to take measures to streamline operations and reduce expenses, including, without limitation, reducing our workforce or discontinuing certain products or businesses. Such measures may place significant strains on our management and employees, and could impair our development, marketing, sales, and customer support efforts. We may also incur liabilities from these measures. Such effects from streamlining could have a negative impact on our business and financial results.

We believe that our future revenue growth will depend on, among other factors, our ability to attract new advertisers, compete effectively, maximize our sales efforts, demonstrate a positive return on investment for advertisers, successfully improve existing products and services, and develop successful new products and services. If we are unable to generate adequate revenue growth and to manage our expenses, we may continue to incur significant losses in the future and may not be able to achieve or maintain profitability.

We are dependent on certain distribution partners, for distribution of our services, and we derive a significant amount of our total revenue through these distribution partners. A loss of distribution partners or a decrease in revenue from certain distribution partners could adversely affect our business.

A relatively small number of distribution partners currently deliver a significant percentage of calls and traffic to our advertisers. Our largest distribution partner was paid less than 10% of total revenues for the six months ended June 30, 2017. Our existing agreements with many of our other larger distribution partners permit either company to terminate without penalty on short notice and are primarily structured on a variable-payment basis, under which we make payments based on a specified percentage of revenue or based on the number of paid phone calls or click-throughs. We intend to continue devoting resources in support of our larger distribution partners, but there are no guarantees that these relationships will remain in place over the short- or long-term. In addition, we cannot be assured that any of these distribution partners will continue to generate current levels of revenue for us or that we will be able to maintain the applicable variable payment terms at their current levels. A loss of any of these distribution partners or a decrease in revenue or contribution due to lower calls and traffic or less favorable variable payment terms from any one of these distribution relationships could have a material adverse effect on our business, financial condition and results of operations. Companies distributing advertising through mobile or online Internet have experienced, and will likely continue to experience, consolidation. This consolidation has reduced the number of partners that control the mobile and online advertising outlets with the most user calls and traffic. According to the comScore qSearch analysis of the U.S. desktop search marketplace for June 2017, Yahoo! and Microsoft accounted for 11.8% and 23.0%, respectively, of the core search market in the United States and Google accounted for 63.1%. As a result, the larger distribution partners have greater control over determining the market terms of distribution, including placement of call and click-based advertisements and cost of placement. In addition, many participants in the performance-based advertising and search marketing industries control significant portions of mobile and online traffic that they deliver to advertisers. We do not believe, for example, that Google, Microsoft, and Yahoo! are as reliant as we are on a third-party distribution network to deliver their services. This gives these companies a significant advantage over us in delivering their services, and with a lesser degree of risk.

We rely on certain advertiser reseller partners and agencies, including YP and/or Dex, Resolution Media, OMD Digital, hibu, Inc., CDK Global, Yodle, and YPG for the purchase of various advertising and marketing services, as well as to provide us with a large number of advertisers. A loss of certain advertiser reseller partners and agencies or a decrease in revenue from these reseller partners and agencies could adversely affect our business. Such advertisers are subject to varying terms and conditions, which may result in claims or credit risks to us.

We benefit from the established relationships and national sales teams that certain of our reseller partners, who are leading reseller partners of advertisers and advertising agencies, have in place throughout the U.S. and international markets. These advertiser reseller partners and agencies refer or bring advertisers to us for the purchase of various advertising products and services. We derive a sizeable portion of our total revenue through these advertiser reseller partners and agencies. Additionally, these advertiser reseller partners and agencies may decide to operate the advertising services we perform internally with their own teams and technology. A loss of certain advertiser reseller partners and agencies or a decrease in revenue from these clients could adversely affect our business.

Through our primary contract with YP, we generate revenues from our local leads platform. We also have a separate pay-for-call services arrangement with YP. In 2016, we extended these agreements through December 31, 2018. The primary local leads platform arrangement provides YP flexibility to migrate active accounts to itself or a third-party provider prior to the end of an advertiser contract and provides YP with certain termination rights beginning January 1, 2018 upon four-months prior notice. We also have a separate distribution partner agreement with YP. We expect YP may decrease the number of new advertiser accounts with us and may elect to migrate certain active accounts to itself or a third-party provider which would result in fewer small business accounts and related revenues, as well as reduced contribution and profitability. YP's small business account base utilizing our platform has declined, and to the extent declines occur in their business, their small business accounts may spend fewer dollars on our pay-for-call services. We expect YP and local leads platform advertisers in future periods will comprise lower total revenues compared to previous periods and YP as a percentage of our total revenue may also comprise a smaller percentage of our total revenue with any revenue increase. Dex recently acquired YP Holdings, which is the parent company of YP. We have a separate reseller partner arrangement with Dex for call advertising services. YP is our largest reseller partner and including Dex was responsible for 22% of our total revenues for the six months ended June 30, 2017. It is possible that this acquisition may result in changes to our relationship and arrangements with YP and/or Dex, including changes that may result in a significant reduction in the paid account fees and agency fees that we receive from YP. There can be no assurance that our business with YP and/or Dex in the future will continue at or near current revenue and contribution levels, that we will be able to renew and extend the contracts, and if renewed, the contracts may be on less favorable terms to us, any of which could have a material adverse effect on our future operating results.

We also have arrangements with advertising agencies, such as Resolution Media and OMD Digital, who act on an advertiser's behalf and may represent more than one advertiser that utilizes our products and services. Our primary arrangements with Resolution Media and OMD Digital are for pay-for-call services whereby we charge an agreed-upon price for qualified calls or leads from our network and call analytic services. Resolution Media and OMD Digital accounted for 10% and less than 10% of total revenues, respectively, for the six months ended June 30, 2017.

These reseller partners and agencies may in certain cases be subject to negotiated terms and conditions separate from those applied to advertising clients. In some cases, the applicable contract terms may be the result of legacy or industry association documentation or simply customized advertising solutions for large reseller partners and agencies. In any case, as a consequence of such varying terms and conditions, we may be subject to claims or credit risks that we may otherwise mitigate more efficiently across our automated advertiser management platform.

These claims and risks may vary depending on the nature of the aggregated client base. Among other claims, we may be subject to disputes based on third-party tracking information or analysis. We may also be subject to differing credit profiles and risks based on the agency relationship associated with these advertisers. For such advertisers, payment may be made on an invoice basis, unlike our retail platform, which in many instances is paid in advance of the service. In some limited circumstances, we may also have accepted individual advertiser payment liability in place of liability of the advertising agency or media advisor.

We received approximately 60% and 54% of our revenue from our five largest customers for the year ended December 31, 2016 and the six months ended June 30, 2017, respectively, and the loss of one or more of these customers could adversely impact our results of operations and financial condition.

Our five largest customers accounted for approximately 60% and 54% of our total revenues for the year ended December 31, 2016 and the six months ended June 30, 2017, respectively. YP and Resolution Media were our largest customers and were responsible for 22% and 10% of our total revenues, respectively, for the six months ended June 30, 2017.

Through our primary contract with YP, we generate revenues from our local leads platform. We also have a separate pay-for-call services arrangement with YP. In 2016, we extended these agreements through December 31, 2018. The primary local leads platform arrangement provides YP flexibility to migrate active accounts to itself or a third-party provider prior to the end of an advertiser contract and provides YP with certain termination rights beginning January 1, 2018 upon four-months prior notice. We also have a separate distribution partner agreement with YP. We expect YP may decrease the number of new advertiser accounts with us and may elect to migrate certain active accounts to itself or a third-party provider which would result in fewer small business accounts and related revenues, as well as reduced contribution and profitability. YP's small business account base utilizing our platform has declined, and to the extent declines occur in their business, their small business accounts may spend fewer dollars on our pay-for-call services. We expect YP and local leads platform advertisers in future periods will comprise lower total revenues compared to previous periods and YP as a percentage of our total revenue may also comprise a smaller percentage of our total revenue with any revenue increase. Dex recently acquired YP Holdings, which is the parent company of YP. We have a separate reseller partner arrangement with Dex for call advertising services. It is possible that this acquisition may result in changes to our relationship and arrangements with YP and/or Dex, including changes that may result in a significant reduction in the paid account fees and agency fees that we receive from YP. There can be no assurance that our business with YP and/or Dex in the future will continue at or near current revenue and contribution levels, that we will be able to renew and extend the contracts, and if renewed, the contracts may be on less favorable terms to us, any of which could have a material adverse effect on our future operating results.

Our primary arrangement with Resolution Media, who acts as an agent on advertisers' behalf, is for pay-for-call services whereby we charge an agreed upon price for qualified calls or leads from our network and call analytic services. A single advertiser, State Farm, represented the majority of the revenue generated by Resolution Media for the six months ended June 30, 2017. State Farm, who utilizes our services through multiple relationships, accounted for 17% of total revenues for the six months ended June 30, 2017. We expect campaign spend levels related to State Farm to be lower compared to previous periods, which will result in lower total revenues and contributions.

Many of our other large customers, including reseller partners, and advertising agencies are not subject to long term contracts with us or have contracts with near term expiration dates such as YPG, and are able to reduce or cease advertising spend at any time and for any reason. Reseller partners, like YPG, purchase various advertising and marketing services from us, as well as provide us with a large number of advertisers. We expect YPG local leads platform revenues to be lower prospectively compared to previous periods and may cease by the end of 2017. A loss of certain reseller partners or a decrease in revenue from these resellers could adversely affect our business. Advertising agencies, such as Resolution Media and OMD Digital, may place insertion orders with us on behalf of advertisers (including State Farm) for particular advertising campaigns for a set period of time and are not obligated to commit beyond the campaign governed by a particular insertion order and may also cancel the campaign prior to completion. Advertising agencies also have relationships with many different providers, each of whom may be running portions of the advertising campaign. We have call advertising arrangements with certain large customers, such as T-Mobile, which provide flexibility around financial commitments, termination rights, indemnification, and security obligations. Our large customers may vary spend levels and there can be no assurances that our large customers including T-Mobile will continue to spend at levels similar to prior quarters. If any of our largest customers are acquired, such acquisition may impact its advertising spending or budget with us, including due to rebranding, change in advertising agency, or change in media tactics. A significant reduction in advertising spending or budgets by our largest customers, or the loss of one or more of these customers, if not replaced by new customers or an increase in business from existing customers, would have a material adverse effect on our future operating results.

Our large customers have substantial negotiating leverage, which may require that we agree to terms and conditions that may have an adverse effect on our business.

Our large customers have substantial purchasing power and leverage in negotiating contractual arrangements with us. These customers may seek for us to develop additional features, may require penalties for failure to deliver such features, may seek discounted product or service pricing, and may seek more favorable contractual terms. As we sell more products and services to this class of customer, we may be required to agree to such terms and conditions. Such large customers also have substantial leverage in negotiating resolution of any disagreements or disputes that may arise. Any of the foregoing factors could result in a material adverse effect on our business, financial condition and results of operations.

If some of our customers experience financial distress or suffer disruptions in their business, their weakened financial position could negatively affect our own financial position and results.

We have a diverse customer base and, at any given time, one or more customers may experience financial distress, file for bankruptcy protection, go out of business, or suffer disruptions in their business. If a customer with whom we do a substantial amount of business experiences financial difficulty or suffers disruptions in their business, it could delay or jeopardize the collection of accounts receivable, result in significant reductions in services provided by us and may have a material adverse effect on our results of operations and liquidity.

We may incur liabilities for the activities of our advertisers, reseller partners, distribution partners and other users of our services, which could adversely affect our business.

Many of our advertisement distribution processes are automated. In some cases, advertisers or reseller partners use our online tools and account management systems to create and submit advertiser listings, and in other cases, we create and submit advertising listings on behalf of our advertisers or reseller partners using the distribution partners' user interface. Although we monitor our distribution partners on an ongoing basis primarily for traffic quality, these partners control the distribution of the advertiser listings provided in the user interface submissions.

We have a large number of distribution partners who display our advertiser listings on their networks. Our advertiser listings are delivered to our distribution partners in an automated fashion through the distribution partners' user interface. Our distribution partners are contractually required to use the listings created by our advertiser customers in accordance with applicable laws and regulations and in conformity with the publication restrictions in our agreements, which are intended to promote the quality and validity of the traffic provided to our advertisers. Nonetheless, we do not operationally control or manage these distribution partners or third parties they may contract with and any breach of these agreements on the part of any distribution partner or its affiliates could result in liability for our business. These agreements include indemnification obligations on the part of our distribution partners, but there is no guarantee that we would be able to collect against offending distribution partners or their affiliates in the event of a claim under these indemnification provisions. Alternatively, we may incur substantial costs as part of our indemnification obligations to distribution partners for liability they may incur as a result of displaying content we have provided them. Any costs incurred as a result of activities of our distribution partners and their third-party partners could have a material adverse effect on our business, operating results and financial condition.

We do not conduct a manual editorial review of a substantial number of the advertiser listings directly submitted by advertisers or reseller partners online, nor do we manually review the display of the vast majority of the advertiser listings by our distribution partners submitted to us by the distribution partners' user interface. Likewise, in cases where we provide editorial or value-added services for our large reseller partners or agencies, such as ad creation and optimization for local advertisers or landing pages and micro-sites for pay-for-call customers, we rely on the content and information provided to us by these agents on behalf of their individual advertisers. We do not investigate the individual business activities of these advertisers other than the information provided to us or in some cases review of advertiser websites. We may not successfully avoid liability for unlawful activities carried out by our advertisers or reseller partners and other users of our services or unpermitted uses of our advertiser listings by distribution partners and their affiliates.

Our potential liability for unlawful activities of our advertisers and other users of our services or unpermitted uses of our advertiser listings and advertising services and platform by distribution partners and reseller partners and agencies could require us to implement measures to reduce our exposure to such liability, which may require us, among other things, to spend substantial resources, to discontinue certain service offerings or to terminate certain distribution partner relationships. For example, as a result of the actions of advertisers in our network, we may be subject to private or governmental actions relating to a wide variety of issues, such as privacy, gambling, promotions, and intellectual property ownership and infringement. Under agreements with certain of our larger distribution partners, we may be required to indemnify these distribution partners against liabilities or losses resulting from the content of our advertiser listings, or resulting from third-party intellectual property infringement claims. Although our advertisers agree to indemnify us with respect to claims arising from these listings, we may not be able to recover all or any of the liabilities or losses incurred by us as a result of the activities of our advertisers.

Our insurance policies may not provide coverage for liability arising out of activities of users of our services. In addition, our reliance on some content and information provided to us by our large advertiser reseller partners and agencies may expose us to liability not covered by our insurance policies. Furthermore, we may not be able to obtain or maintain adequate insurance coverage to reduce or limit the liabilities associated with our businesses. Any costs incurred as a result of such liability or asserted liability could have a material adverse effect on our business, operating results and financial condition. Our insurance policies may not provide coverage for liability arising out of activities of users of our services. In addition, our reliance on some content and information provided to us by our large advertiser reseller partners and agencies may expose us to liability not covered by our insurance policies. Furthermore, we may not be able to obtain or maintain adequate insurance coverage to reduce or limit the liabilities associated with our businesses. Any costs incurred as a result of such liability or asserted liability could have a material adverse effect on our business, operating results and financial condition.

If we do not maintain and grow a critical mass of advertisers and distribution partners, the value of our services could be adversely affected.

Our success depends, in large part, on the maintenance and growth of a critical mass of advertisers and distribution partners and a continued interest in our call analytics, pay-for-call, performance-based advertising, and search marketing services. Advertisers will generally seek the most competitive return on investment from advertising and marketing services. Distribution partners will also seek the most favorable payment terms available in the market. Advertisers and distribution partners may change providers or the volume of business with a provider, unless the product and terms are competitive. In this environment, we must compete to acquire and maintain our network of advertisers and distribution partners. If our business is unable to maintain and grow our base of advertisers, our current distribution partners may be discouraged from continuing to work with us, and this may create obstacles for us to enter into agreements with new distribution partners. Our business also depends in part on certain of our large reseller partners and agencies to grow their base of advertisers as these advertisers become increasingly important to our business and our ability to attract additional distribution partners and opportunities. Similarly, if our distribution network does not grow and does not continue to improve over time, current and prospective advertisers and reseller partners and agencies may reduce or terminate this portion of their business with us. Any decline in the number of advertisers and distribution partners could adversely affect the value of our services.

The mobile advertising market may develop more slowly than expected, which could harm our business.

If the market for mobile marketing and advertising develops more slowly than we expect, our business could suffer. Our future success is highly dependent on the commitment of advertisers and marketers to mobile communications as an advertising and marketing medium, the willingness of our potential advertisers to outsource their mobile advertising and marketing needs, and our ability to sell our mobile advertising services to reseller partners and agencies. The mobile advertising and marketing market is rapidly evolving. Businesses, including current and potential advertisers, may find mobile advertising or marketing to be less effective than traditional advertising media or marketing methods or other technologies for promoting their products and services. As a result, the future demand and market acceptance for mobile marketing and advertising is uncertain. Many of our current or potential advertisers may have little or no experience using mobile communications for advertising or marketing purposes and have allocated only a limited portion of their advertising or marketing budgets to mobile communications advertising or marketing, and there is no certainty that they will allocate more funds in the future, if any. Funds to these types of campaigns may fluctuate greatly as different agencies and advertisers test and refine their overall marketing strategies to include mobile advertising and analytics tools. The adoption rate and budget commitments may vary from period to period as agencies and advertisers determine the appropriate mix of media and lead sources in short term and longer term campaigns.

We are dependent upon the quality of mobile, online, offline and other traffic sources in our network to provide value to our advertisers and the advertisers of our reseller partners and agencies, and any failure in our quality control could have a material adverse effect on the value of our services to our advertisers and adversely affect our revenues.

We utilize certain monitoring processes with respect to the quality of the mobile, online, offline and other traffic sources that we deliver to our advertisers. Among the factors we seek to monitor are sources and causes of low quality phone calls such as unwanted telemarketer calls or other actions such as non-human processes, including robots or robocallers, spiders or other software, the mechanical automation of calling, and other types of invalid calls, call fraud, or call spam, the purpose of which is something other than to view the underlying content. Additionally, we also seek to identify other indicators which may suggest that a user may not be targeted by or desirable to our advertisers. Even with such monitoring in place, there is a risk that a certain amount of low quality mobile, online, offline and other traffic or traffic that is deemed to be less valuable by our advertisers will be delivered to such advertisers, which may be detrimental to those relationships. We have regularly refunded fees that our advertisers had paid to us which were attributed to low quality mobile, online, offline and other traffic. If we are unable to stop or reduce low quality phone calls and Internet traffic, these refunds may increase. Low quality mobile, online, offline and other traffic may further prevent us from growing our base of advertisers and cause us to lose relationships with existing advertisers, or become the target of litigation, both of which would adversely affect our revenues.

We depend on being able to secure enough phone numbers to support our advertisers and other users of our services and any obstacles that we face which prevent us from meeting this demand could adversely affect our business.

We utilize phone numbers as part of a number of information and analytic services to advertisers, such as our call analytics, call tracking, and pay-for-call services. Our services that utilize phone numbers are designed to enable advertisers and other users of our services to utilize mobile, online and offline advertising and to help measure the effectiveness of mobile, online and offline advertising campaigns. We secure a majority of our phone numbers through telecommunication carriers that we have contracted with and a smaller number through the 800 Service Management System, and such telecommunication carriers provide the underlying telephone service. Our telecommunications carriers and telephone number acquisition process are subject to the rules and guidelines established by the Federal Communications Commission. Furthermore, to the extent we offer call recording and pay-for-call services, we may be directly subject to certain telecommunications-related regulations. The Federal Communications Commission and our telecommunication carriers may change the rules and guidelines for securing phone numbers or change the requirements for retaining the phone numbers we have already secured. As a result, we may not be able to secure or retain sufficient phone numbers needed for our services. We may also be limited in the number of available telecommunications carriers or vendors to provide such phone numbers to us in the event of any industry consolidations.

Our automated voice and mobile advertising-based technologies are heavily reliant on vendors.

Certain voice and mobile advertising-based products are heavily reliant on vendors. The free directory product that we provide relies on technology provided by third-party vendors that include voice recognition software and business, government and residence data listings. We cannot guarantee that the technology, data and services provided by our third-party vendors will be of sufficient quality to meet the demands of our customers and partners. Further, we cannot guarantee that the technologies, data and services will be available to us in the future on acceptable terms, if at all. Any perception by our customers or partners that our voice and mobile advertising-based products are incomplete or not of sufficient quality could lead to a loss in confidence by our customers or partners, which in turn could lead to a decline in revenues. If we are unable to continue maintaining, advancing and improving our voice and mobile advertising-based products, our operating results may be adversely affected.

Our business strategy is evolving and may involve pursuing new lines of business or strategic transactions and investments, some of which may not be successful.

Our industry is undergoing significant change and our business strategy is continuing to evolve to meet these changes. In order to profitably grow our business, we may need to expand into new lines of business beyond our current focus of providing mobile advertising analytics products and services, which may involve pursuing strategic transactions, including potential acquisitions of, or investments in, related or unrelated businesses. In addition, we may seek divestitures of existing businesses or assets. There can be no assurance that we will be successful with our efforts to evolve our business strategy and we could suffer significant losses as a result, which could have a material adverse effect on our business, financial condition and results of operations.

Our acquisitions could divert management's attention, cause ownership dilution to our stockholders, cause our earnings to decrease and be difficult to integrate.

Our business strategy includes identifying, structuring, completing and integrating acquisitions. Acquisitions involve a high degree of risk. We may also be unable to find a sufficient number of attractive opportunities to meet our objectives which include revenue growth, profitability and competitive market share. Our acquired companies may have histories of net losses and may expect net losses for the foreseeable future. Acquisitions are accompanied by a number of risks that could harm our business, operating results and financial condition:

- We could experience a substantial strain on our resources, including time and money, and we may not be successful;
- Our management's attention could be diverted from our ongoing business concerns;
- We may seek to enter new markets where we have no or limited experience or where competitors may have stronger market positions;
- While integrating new companies, we may lose key executives or other employees of these companies;
- We may issue shares of our Class B common stock as consideration for acquisitions which may result in ownership dilution to our stockholders;
- We could fail to successfully integrate our financial and management controls, technology, reporting systems and procedures, or adequately expand, train and manage our workforce;
- We could experience customer dissatisfaction or performance problems with an acquired company or technology;
- We could become subject to unknown or underestimated liabilities of an acquired entity or incur unexpected expenses or losses from such acquisitions, including litigation;
- We could incur possible impairment charges related to goodwill or other intangible assets resulting from acquisitions or other unanticipated events or circumstances, any of which could harm our business; and
- We may be exposed to investigations and/or audits by federal, state or other taxing authorities.

Consequently, we might not be successful in integrating any acquired businesses, products or technologies, and might not achieve anticipated revenue and cost benefits.

We may decide to dispose of assets or business that may no longer help us meet our objectives.

If we decide to sell assets or a business, we may encounter difficulty in finding buyers or alternative exit strategies on acceptable terms in a timely manner, which could delay the achievement of our strategic objectives. We may also dispose of a business at a price or on terms that are less desirable than we had anticipated. In addition, we may experience greater dis-synergies than expected, and the impact of the divestiture on our revenue may be larger than projected.

Our international operations and any expansion subjects us to additional risks and uncertainties and we may not be successful with our strategy to expand such operations.

We have limited operations, through our international subsidiaries, in other countries. We have international subsidiaries in Australia, Canada, Ireland, and the United Kingdom. Any international expansion presents unique challenges and risks. Compliance with complex foreign and U.S. laws and regulations that apply to our international operations increases our cost of doing business in international jurisdictions and could interfere with our ability to offer our products and services to one or more countries or expose us or our employees to fines and penalties. We may also have to offer our products and services in a modified format which may not be as compelling to certain customers, and we are subject to increased foreign currency exchange rate risks and our international operations and any expansion will require additional management attention and resources. We cannot assure you that we will be successful in any international expansion. There are risks inherent in conducting business in international markets, including:

- the need to localize our products and services to foreign customers' preferences and customs, including the possibility of storing data locally if customers require;
- difficulties in managing operations due to language barriers, distance, staffing and cultural differences;
- application of foreign laws and regulations to us, in particular data and privacy regulations in Europe and other international jurisdictions, which continue to change and impose significantly more liability and product limitations on service providers in our industry;
- compliance with anti-bribery laws, such as the Foreign Corrupt Practices Act and the UK Anti-Bribery Act;
- tariffs and other trade barriers;
- fluctuations in currency exchange rates;
- establishing local offices, sales channels, management systems and infrastructures;
- reduced protection for intellectual property rights in some countries;
- changes in foreign political and economic conditions;
- compliance with the laws of numerous taxing jurisdictions, both foreign and domestic;
- foreign exchange controls that might prevent us from repatriating cash earned outside the United States;
- the complexity and potentially adverse tax consequences of U.S. tax laws as they relate to our international operations;
- increased costs to establish and maintain effective controls at foreign locations; and
- overall higher costs of doing business internationally.

Our failure to address these risks adequately could materially and adversely affect our business, revenue, results of operations and financial condition.

We may be subject to intellectual property claims, which could adversely affect our financial condition and ability to use certain critical technologies, divert our resources and management attention from our business operations and create uncertainty about ownership of technology essential to our business.

Our success depends, in part, on our ability to operate without infringing on the intellectual property rights of others. There can be no guarantee that any of our intellectual property will not be challenged by third parties. We may be subject to patent infringement claims or other intellectual property infringement claims, and claims of copyright infringement with respect to certain of our websites that would be costly to defend and could limit our ability to use certain critical technologies. The expansion of our call advertising business increases the potential intellectual property infringement claims we may be subject to, particularly in light of the large number of patents which have been issued (or are pending) in the telecommunications field over the last several decades, both in the U.S. and internationally. Jingle, which we acquired in 2011, was subject to patent infringement claims, which were unsuccessful at trial. We resolved this matter and obtained a license to the patents at issue.

We believe that a consolidation of patent portfolios by major technology companies and independent asset holding companies will increase the chances of aggressive assertions of patent and other intellectual property claims. Within the technology telecommunications and online sectors, among other related sectors, we have witnessed various claim holders and alleged rights holders pursue business strategies devoted to extracting settlements or license fees for a wide range of basic and commonly accepted methods and practices. We may be subject to those intellectual property claims in the ordinary course of our business. Also, our partners and customers may also find that they are subject to similar claims, in which case we may be included in any related process or dispute settlement. Any patent or other intellectual property litigation could negatively impact our business by diverting resources and management attention from other aspects of the business and adding uncertainty as to the ownership of technology, services and property that we view as proprietary and essential to our business. In addition, a successful claim of patent infringement against us and our failure or inability to license the infringed or similar technology on reasonable terms, or at all, could prevent us from using critical technologies which could have a material adverse effect on our business.

We may need additional funding to meet our obligations and to pursue our business strategy. Additional funding may not be available to us and our financial condition could therefore be adversely affected.

We may require additional funding to meet our ongoing obligations and to pursue our business strategy, which may include the selective acquisition of businesses and technologies. In addition, we have incurred and we may incur certain obligations in the future. There can be no assurance that, if we were to need additional funds to meet these obligations, additional financing arrangements would be available in amounts or on terms acceptable to us, if at all. Furthermore, if adequate additional funds are not available, we will be required to delay, reduce the scope of, or eliminate material parts of the implementation of our business strategy, including potential additional acquisitions or internally-developed businesses.

The loss of our senior management, including other key personnel, could harm our current and future operations and prospects.

We are heavily dependent upon the continued services of members of our senior management team and other key personnel. Each member of our senior management team and other key personnel are at-will employees and may voluntarily terminate his or her employment with us at any time with minimal notice. Following any termination of employment, each of these employees would only be subject to a twelve-month non-competition and non-solicitation obligation with respect to our customers and employees under our standard confidentiality agreement. The loss of the services of any member of our senior management, including other key personnel, for any reason, or any conflict among our senior management or other key personnel, could harm our current and future operations and prospects.

We have experienced recent turnover in certain senior executives, and currently the duties and responsibilities of the chief executive officer are performed by the office of the CEO consisting of Michael Arends, Ethan Caldwell and Russell Horowitz and subject to oversight by our Chairman, Anne Devereux-Mills. We are assessing our current and future senior leadership needs, although we may not be successful in finding or hiring suitable additional senior leadership.

Additional turnover at the senior management level may create instability within the Company and our employees may decide to terminate their employment, which could further impede the maintenance of our day to day operations. Such instability could impede our ability to implement fully our business plan and growth strategy, which would harm our business and prospects.

We may have difficulty retaining current personnel as well as attracting and retaining additional qualified, experienced, highly skilled personnel, which could adversely affect the implementation of our business plan.

Our performance is largely dependent upon the talents and efforts of highly skilled individuals. In order to fully implement our business plan, we will need to retain our current qualified personnel, as well as attract and retain additional qualified personnel. Thus, our success will, in significant part, depend upon our retention of current personnel as well as the efforts of personnel not yet identified and upon our ability to attract and retain highly skilled managerial, engineering, sales and marketing personnel. We are also dependent on managerial and technical personnel to the extent they may have knowledge or information about our businesses and technical systems that may not be known by our other personnel. There can be no assurance that we will be able to attract and retain necessary personnel. The failure to hire and retain such personnel could adversely affect the implementation of our business plan.

If we are unable to obtain and maintain adequate insurance, our financial condition could be adversely affected in the event of uninsured or inadequately insured loss or damage. Our ability to effectively recruit and retain qualified officers and directors may also be adversely affected if we experience difficulty in maintaining adequate directors' and officers' liability insurance.

We may not be able to obtain and maintain insurance policies on terms affordable to us that would adequately insure our business and property against damage, loss or claims by third parties. To the extent our business or property suffers any damages, losses or claims by third parties that are not covered or adequately covered by insurance, our financial condition may be materially adversely affected. We currently have directors' and officers' liability insurance. If we are unable to maintain sufficient insurance as a public company to cover liability claims made against our officers and directors, we may not be able to retain or recruit qualified officers and directors to manage our company, which could have a material adverse effect on our operations.

It may be difficult for us to retain or attract qualified officers and directors, which could adversely affect our business and our ability to maintain the listing of our Class B common stock on the NASDAQ Global Select Market.

We may be unable to attract and retain qualified officers, directors and members of board committees required to provide for our effective management as a result of changes in the rules and regulations which govern publicly-held companies, including, but not limited to, certifications from executive officers and requirements for financial experts on boards of directors. The perceived increased personal risk associated with these changes may deter qualified individuals from accepting these roles. Further, applicable rules and regulations of the Securities and Exchange Commission and the NASDAQ Stock Market heighten the requirements for board or committee membership, particularly with respect to an individual's independence from the corporation and level of experience in finance and accounting matters. We may have difficulty attracting and retaining directors with the requisite qualifications. If we are unable to attract and retain qualified officers and directors, our business and our ability to maintain the listing of our shares of Class B common stock on the NASDAQ Global Select Market could be adversely affected.

If we fail to maintain an effective system of internal controls, we may not be able to accurately report our financial results or prevent fraud, which could harm our brand and operating results.

Effective internal controls are necessary for us to provide reliable and accurate financial reports and effectively prevent fraud. We have devoted significant resources and time to comply with the internal control over financial reporting requirements of the Sarbanes-Oxley Act of 2002. In addition, Section 404 under the Sarbanes-Oxley Act of 2002 requires that we assess and our auditors attest to the effectiveness of our controls over financial reporting. Our current and future compliance with the annual internal control report requirement will depend on the effectiveness of our financial reporting and data systems and controls across our operating subsidiaries. We expect these systems and controls to become increasingly complex to the extent that we integrate acquisitions and our business grows. To effectively manage this growth, we will need to continue to improve our operational, financial and management controls and our reporting systems and procedures. We cannot be certain that these measures will ensure that we design, implement and maintain adequate controls over our financial processes and reporting in the future. Any failure to implement required new or improved controls, or difficulties encountered in their implementation or operation, could harm our operating results or cause us to fail to meet our financial reporting obligations. Inadequate internal controls could also cause investors to lose confidence in our reported financial information, which could have a negative effect on the trading price of our stock and our access to capital.

We may be required to increase or decrease the valuation allowance against our deferred tax assets.

Factors in our ability to realize a tax benefit from our deferred tax assets include tax attributes and operating results of acquired businesses, the nature, extent and periods that temporary differences are expected to reverse and our expectations about future operating results. We regularly review our deferred tax assets to assess whether or not it is more likely than not that the deferred tax assets will be realized, and if necessary, increase or decrease the valuation allowance for portions of such assets to reduce the carrying value. At the end of the fourth quarter of 2012, we recognized a partial valuation allowance of \$16.4 million on our federal deferred tax assets which reduced our net deferred assets to \$28.5 million. At the end of the second quarter of 2013, our gross deferred tax assets increased by approximately \$651,000 due primarily to the 2012 and 2013 research and development credit which was reinstated as part of the 2012 American Taxpayer Relief Act signed into law in January 2013. This increase was offset by a corresponding increase in our valuation allowance. We increased the valuation allowance by \$22.3 million to record a full valuation allowance against our deferred tax assets as of September 30, 2014 resulting in a corresponding income tax expense of \$22.3 million for the third quarter of 2014. As of June 30, 2017, our deferred tax assets were \$48.5 million and we have provided a full valuation allowance of \$48.5 million as we believe it is not more likely than not that these assets will be realized.

We may experience unforeseen liabilities arising out of third-party domain names included in our distribution network, which could negatively impact our financial results.

We display pay-for-call listings on third-party domain names and third-party websites that are part of our distribution network, which could subject us to a wide variety of civil claims including intellectual property ownership and infringement. The potential violation of third-party intellectual property rights and potential causes of action under consumer protection laws may subject us to unforeseen liabilities including injunctions and judgments for money damages.

We may face risks related to litigation that could result in significant legal expenses and settlement or damage awards.

From time to time, we are subject to claims and litigation, which could seriously harm our business and require us to incur significant costs.

We are generally obliged, to the extent permitted by law, to indemnify our current and former directors and officers who are named as defendants in these types of lawsuits. Defending against litigation may require significant attention and resources of management. Regardless of the outcome, such litigation could result in significant legal expenses.

If we are a party to material litigation and if the defenses we claim are ultimately unsuccessful, or if we are unable to achieve a favorable settlement, we could be liable for large damage awards that could have a material adverse effect on our business and consolidated financial statements.

Risks Relating to Our Business and Our Industry

If we are unable to compete in the highly competitive performance-based advertising and search marketing industries, we may experience reduced demand for our products and services.

We operate in a highly competitive and changing environment. We principally compete with other companies which offer services in the following areas:

- sales to advertisers of call analytics and call tracking;
- sales to advertisers of pay-for-call services;
- delivery of pay-for-call advertising to end users or customers of advertisers through mobile and online destination websites or other offline distribution outlets;
- services and outsourcing of technologies that allow advertisers to manage their advertising campaigns across multiple networks and track the success of these campaigns;
- aggregation or optimization of online advertising for distribution through mobile and online search engines and applications, product shopping engines, directories, websites or other offline outlets;
- provision of local and vertical websites containing information designed to attract users and help consumers make better, more informed local decisions, while providing targeted advertising inventory for advertisers; and
- local search sales training.

Although we currently pursue a strategy that allows us to potentially partner with all relevant companies in the industry, there are certain companies in the industry that may not wish to partner with us. Despite the fact that we currently work with several of our potential competitors, there are no guarantees that these companies will continue to work with us in the future.

We currently or potentially compete with leading search engines and digital advertising networks such as Google, Microsoft, and Yahoo!. We also compete with call analytics technology providers such as Twilio, Telemetrics, Invoca, DialogTech and Convirza. As we continue to advance our data analytics technologies, we anticipate facing increased competition from companies providing more broad advertising solutions, such as data management companies like Datalogix. We also face competition on the call supply side, where competing mobile ad companies like xAd look to outbid, partner with or otherwise secure sources of call supply we utilize. Many of these actual or perceived competitors also currently or may in the future have business relationships with us, particularly in distribution. However, such companies may terminate their relationships with us. Furthermore, our competitors may be able to secure agreements with us on more favorable terms, which could reduce the usage of our services, increase the amount payable to our distribution partners, reduce total revenue and thereby have a material adverse effect on our business, operating results and financial condition. We expect competition to intensify in the future because current and new competitors can enter our market with little difficulty. The barriers to entering our market are relatively low. Further, if the consolidation trend continues among the larger media and search engine companies with greater brand recognition, the share of the market remaining for smaller search marketing services providers could decrease, even though the number of smaller providers could continue to increase. These factors could adversely affect our competitive position. Some of our competitors, as well as potential entrants into our market, may be better positioned to succeed in this market. They may have:

- longer operating histories;
- more management experience;
- an employee base with more extensive experience;
- better geographic coverage;
- larger customer bases;
- greater brand recognition; and
- significantly greater financial, marketing and other resources.

Currently, and in the future, as the use of the Internet and other mobile and online services increases, there will likely be larger, more well-established and well-financed entities that acquire companies and/or invest in or form joint ventures in categories or countries of interest to us, all of which could adversely impact our business. Any of these trends could increase competition and reduce the demand for any of our services.

We face competition from traditional media companies, and we may not be included in the advertising budgets of large advertisers, which could harm our operating results.

In addition to digital/online companies, we face competition from companies that offer traditional media advertising opportunities. Most large advertisers have set advertising budgets, a very small portion of which is allocated to mobile or Internet advertising. We expect that large advertisers will continue to focus most of their advertising efforts on traditional media. If we fail to convince these companies to spend a portion of their advertising budgets with us, or if our existing advertisers reduce the amount they spend on our programs, our operating results would be harmed.

If we are not able to respond to the rapid technological change characteristic of our industry, our products and services may cease to be competitive.

The market for our products and services is characterized by rapid change in business models and technological infrastructure, and we will need to constantly adapt to changing markets and technologies to provide new and competitive products and services. If we are unable to ensure that our users, advertisers, reseller partners, and distribution partners have a high-quality experience with our products and services, then they may become dissatisfied and move to competitors' products and services. Accordingly, our future success will depend, in part, upon our ability to develop and offer competitive products and services for both our target market and for applications in new markets. We may not, however, be able to successfully do so, and our competitors may develop innovations that render our products and services obsolete or uncompetitive.

Our technical systems are vulnerable to interruption and damage that may be costly and time-consuming to resolve and may harm our business and reputation.

A disaster could interrupt our services for an indeterminate length of time and severely damage our business, prospects, financial condition and results of operations. Our systems and operations are vulnerable to damage or interruption from:

- fire;
- floods;
- network failure;
- hardware failure;
- software failure;
- power loss;
- telecommunications failures;
- break-ins;
- terrorism, war or sabotage;
- computer viruses;
- denial of service attacks;
- penetration of our network by unauthorized computer users and “hackers” and other similar events;
- natural disasters, including, but not limited to, hurricanes, tomadoes, and earthquakes; and
- other unanticipated problems.

We may not have developed or implemented adequate protections or safeguards to overcome any of these events. We also may not have anticipated or addressed many of the potential events that could threaten or undermine our technology network. Any of these occurrences could cause material interruptions or delays in our business, result in the loss of data or render us unable to provide services to our customers. In addition, if a person is able to circumvent our security measures, he or she could destroy or misappropriate valuable information, including sensitive customer information, or disrupt our operations. We have deployed firewall hardware intended to thwart hacker attacks. Although we maintain property insurance and business interruption insurance, our insurance may not be adequate to compensate us for all losses that may occur as a result of a catastrophic system failure or other loss, and our insurers may not be able or may decline to do so for a variety of reasons. If we fail to address these issues in a timely manner, we may lose the confidence of our advertisers, reseller partners, and distribution partners, our revenue may decline and our business could suffer. In addition, as we expand our service offerings and enter into new business areas, we may be required to significantly modify and expand our software and technology platform. If we fail to accomplish these tasks in a timely manner, our business and reputation will likely suffer. Furthermore, some of these events could disrupt the economy and/or our customers’ business activities and in tum materially affect our operating results.

We rely on third-party technology, platforms, carriers, communications providers, and server and hardware providers, and a failure of service by these providers could adversely affect our business and reputation.

We rely upon third-party colocation providers to host our main servers. If these providers are unable to handle current or higher volumes of use, experience any interruption in operations or cease operations for any reason or if we are unable to agree on satisfactory terms for continued hosting relationships, we would be forced to enter into a relationship with other service providers or assume hosting responsibilities ourselves. If we are forced to switch hosting facilities, we may not be successful in finding an alternative service provider on acceptable terms or in hosting the computer servers ourselves. We may also be limited in our remedies against these providers in the event of a failure of service. In the past, we have experienced short-term outages in the service maintained by one of our colocation providers.

We also rely on a select group of third-party providers for components of our technology platform and support for our call-based and advertising services, such as hardware and software providers, telecommunications carriers and Voice over Internet Protocol (VoIP) providers, credit card processors and domain name registrars. As a result, key operational resources of our business are concentrated with a limited number of third-party providers. A failure or limitation of service or available capacity by any of these third-party providers could adversely affect our business and reputation. Furthermore, if any of these significant providers are unable to provide the levels of service and dedicated resources over time that we required in our business, we may not be able to replace certain of these providers in a manner that is efficient, cost-effective or satisfactory to our customers, and as a result our business could be materially and adversely affected. Short term or repeat problems with any of these service providers could provide an interruption of service or service quality impairment to significant customers, which could also impact materially our revenue in any period due to credits or potential loss of significant customers.

If our security measures, including those of our vendors or partners, are breached or are perceived as not being secure, we may lose advertisers, reseller partners and distribution partners and as a result we may incur significant legal and financial exposure and suffer an adverse effect on our business.

We store and transmit data and information about our advertisers, reseller partners, distribution partners and their respective users. We also work with vendors and partners who may come into contact with certain data, such as carriers, colocation and data storage facilities and distribution partners referring callers. We deploy security measures to protect this data and information, as do third parties we utilize to assist in data and information storage. Our security measures and those of the third parties we partner with to assist in data and information storage, as well as to assist in the delivery of services to our advertisers, may suffer breaches. Security breaches of our data storage systems or our third-party colocation and technology providers we utilize to store data and information relating to our advertisers, reseller partners, distribution partners and their respective users could expose us to significant potential liability. Similarly, security breaches of our vendors and partners, or ineffective data security by our vendors or partners, may result in similar significant liability. In addition, security breaches, actual or perceived, could result in legal liability, government fines, and the loss of advertisers, reseller partners and distribution partners that could potentially have an adverse effect on our business.

We may not be able to protect our intellectual property rights, which could result in our competitors marketing competing products and services utilizing our intellectual property and could adversely affect our competitive position.

Our success and ability to compete effectively are substantially dependent upon our internally developed and acquired technology and data resources, which we protect through a combination of copyright, trade secret, and patent and trademark law. To date, we have had issued or have applications pending for the following patents:

- U.S. Patent Number 7,668,950 entitled “Automatically Updating Performance-Based Online Advertising System and Method” was issued February 23, 2010.
- U.S. Patent Number 8,442,862 entitled “Method and System for Tracking Telephone Calls” was issued on May 14, 2013 and a corresponding divisional Patent Application Number 13/294,436 was filed November 11, 2011. The following divisional applications of Patent Application Number 13/294,436 were also filed: 14/045,536 titled “Method and System for Phone Number Cleaning” was filed November 3, 2013; 14/058,037 titled “Method and System for Collecting Data from Advertising Campaigns Including Phone Number Placement Techniques” was filed November 18, 2013; 14/058,080 titled “Method and System for Monitoring Campaign Referral Sources” was filed October 18, 2013, and 14/065,345 titled “Method and System for Tracking Telephone Calls” was filed October 28, 2013.
- U.S. Patent Number 6,822,663 entitled “Transform Rule Generator for Web-Based Markup Languages” was issued November 23, 2004.
- U.S. Patent Number 8,583,571 entitled “Facility for Reconciliation of Business Records Using Genetic Algorithms” was issued November 12, 2013.
- U.S. Patent Number 8,433,048 entitled “System and Method to Direct Telephone Calls to Advertisers” was issued April 30, 2013.
- U.S. Patent Number 8,259,915 entitled “System and Method to Analyze Calls to Advertised Telephone Numbers” was issued September 4, 2012 and its continuation Patent Number 8,788,344 was issued July 22, 2014.
- U.S. Patent Number 8,630,393 entitled “System and Method for Blocking Telephone Calls” was issued January 14, 2014.

- U.S. Patent Number 7,212,615 entitled “Criteria Based Marketing For Telephone Directory Assistance” was issued May 1, 2007 and owned by Jingle Networks, which we acquired in 2011.
- U.S. Patent Number 7,702,084 entitled “Toll-Free Directory Assistance With Preferred Advertisement Listing” was issued April 20, 2010.
- U.S. Patent Number 7,961,861 entitled “Telephone Search Supported By Response Location Advertising” was issued June 14, 2011.
- U.S. Patent Number 9,367,846 entitled “Telephone Search Supported By Advertising Based On Past History Of Requests” was issued June 14, 2016.
- U.S. Patent Number 8,175,231 entitled “Toll-Free Directory Assistance With Automatic Selection Of An Advertisement From A Category” issued May 8, 2012.
- U.S. Patent Number 8,107,602 entitled “Directory Assistance With Data Processing Station” was issued January 31, 2012.
- U.S. Patent Number 8,929,522 entitled “System and Method to Customize a Connection Interface for Multimodal Connection to a Telephone Number” was issued January 16, 2015.
- U.S. Patent Number 8,634,520 entitled “Call Tracking System Utilizing an Automated Filtering Function” was issued January 21, 2014.
- U.S. Patent Number 8,671,020 entitled “Call Tracking System Utilizing a Pooling Algorithm” was issued March 11, 2014.
- U.S. Patent Number 8,687,782 entitled “Call Tracking System Utilizing a Sampling Algorithm” was issued April 1, 2014.
- U.S. Patent Application Number 13/865,966 entitled “Correlated Consumer Telephone Numbers and User Identifiers for Advertising Retargeting” was filed April 18, 2013, claiming priority to U.S. Provisional Patent Application Number 61/801,893 entitled “Cross-Channel Targeting Using Historical Online and Call Data” filed March 15, 2013, and its continuation Patent Application Number 15/019,826 entitled “Cross-Channel Correlation of Consumer Telephone Numbers and User Identifiers” was filed February 9, 2016.
- U.S. Patent Number 9,118,751 entitled “System and Method for Analyzing and Classifying Calls without Transcription” was issued August 25, 2015.
- U.S. Patent Number 9,263,038 entitled “System and Method for Analyzing and Classifying Calls Without Transcription via Keyword Spotting” was issued February 16, 2016.
- U.S. Patent Number 9,484,026 entitled “System and Method for Analyzing and Classifying Calls Without Transcription via Keyword Spotting” was issued November 1, 2016.
- U.S. Patent Number 9,232,052 entitled “Analyzing Voice Characteristics to Detect Fraudulent Call Activity and Take Corrective Action Without Using Recording, Transcription or Caller ID” was issued January 5, 2016, and its continuation Patent Number 9,596,356 was issued March 14, 2017.
- U.S. Patent Application Number 14/550,089 entitled “Identifying Call Characteristics to Detect Fraudulent Call Activity and Take Corrective Action Without Using Recording, Transcription or Caller ID” was filed November 21, 2014.
- U.S. Patent Application Number 14/714,141 entitled “Call Analytics for Mobile Advertising” was filed May 15, 2015.
- U.S. Patent Number 9,485,354 912 entitled “Identifying Call Features and Associations to Detect Call Traffic Pumping and Take Corrective Action” was issued November 1, 2016.
- U.S. Patent Application Number 62/433,682 entitled “Source Agnostic Correlation of Consumer Telephone Numbers and User Identifiers” was filed November 13, 2016.
- U.S. Patent Application Number 62/491,223 entitled "System and Method for Training an Automatic Speech Recognition (ASR) Model" was filed April 27, 2017.

In the future, additional patent applications may be filed with respect to internally developed or acquired technologies. Our industry is highly competitive and many individuals and companies have sought to patent processes in the industry. We may decide not to protect certain intellectual properties or business methods which may later turn out to be significant to us. In addition, the patent process takes several years and involves considerable expense. Further, patent applications and patent positions in our industry are highly uncertain and involve complex legal and factual questions due in part to the number of competing technologies. As a result, we may not be able to successfully prosecute these patent applications, in whole or in part, or any additional patent filings that we may make in the future. We also depend on our trademarks, trade names and domain names. We may not be able to adequately protect our technology and data resources. In addition, intellectual property laws vary from country to country, and it may be more difficult to protect our intellectual property in some foreign jurisdictions in which we may plan to enter. If we fail to obtain and maintain patent or other intellectual property protection for our technology, our competitors could market competing products and services utilizing our technology.

Despite our efforts to protect our proprietary rights, unauthorized parties domestically and internationally may attempt to copy or otherwise obtain and use our services, technology and other intellectual property. We cannot be certain that the steps we have taken will prevent any misappropriation or confusion among consumers and advertisers. If we are unable to protect our intellectual property rights from unauthorized use, our competitive position could be adversely affected.

We may be involved in lawsuits to protect or enforce our patents, which could be expensive and time consuming.

We may initiate patent litigation against third parties to protect or enforce our patent rights, and we may be sued by others seeking to invalidate our patents or prevent the issuance of future patents. We may also become subject to interference proceedings conducted in the patent and trademark offices of various countries to determine the priority of inventions. The defense and prosecution, if necessary, of intellectual property suits, interference proceedings and related legal and administrative proceedings is costly and may divert our technical and management personnel from their normal responsibilities. We may not prevail in any of these suits. An adverse determination of any litigation or defense proceedings could put our patents at risk of being invalidated or interpreted narrowly and could put our patent applications at risk of not being issued.

Furthermore, because of the substantial amount of discovery required in connection with intellectual property litigation, there is a risk that some of our confidential information could be compromised by disclosure during this type of litigation. In addition, during the course of this kind of litigation, there could be public announcements of the results of hearings, motions or other interim proceedings or developments in the litigation. If securities analysts or investors perceive these results to be negative, it could have an adverse effect on the trading price of our Class B common stock.

Our quarterly results of operations might fluctuate due to seasonality, which could adversely affect our growth rate and in turn the market price of our securities.

Our quarterly results have fluctuated in the past and may fluctuate in the future due to seasonal fluctuations in the level of mobile and Internet usage and seasonal purchasing cycles of many advertisers. Our experience has shown that during the spring and summer months, mobile and Internet usage is generally lower than during other times of the year and during the latter part of the fourth quarter of the calendar year we generally experience lower call volume and reduced demand for calls from our call advertising customers. The extent to which usage and call volume may decrease during these off-peak periods is difficult to predict. Prolonged or severe decreases in usage and call volume during these periods may adversely affect our growth rate and results, and in turn, the market price of our securities. Historically, we have seen in the first quarter of the calendar year, this trend generally reversing with increased mobile and internet usage and often new budgets at the beginning of the year for many of our customers with fiscal years ending December 31. However, there can be no assurances such seasonal trends will consistently repeat each year. The current business environment and our industry has generally both resulted in, and we may continue to see, many advertisers and reseller partners reducing advertising and marketing services budgets or adjusting such budgets throughout the year, changing marketing strategies or agency affiliations, or advertisers being acquired by parent companies with alternative media initiatives, which we expect will impact our quarterly results of operations in addition to the typical seasonality seen in our industry.

We are susceptible to general economic conditions, and a downturn in advertising and marketing spending by advertisers could adversely affect our operating results.

Our operating results will be subject to fluctuations based on general economic conditions, in particular those conditions that impact advertiser-consumer transactions. Deterioration in economic conditions could cause decreases in or delays in advertising spending and reduce and/or negatively impact our short-term ability to grow our revenues. Further, any decreased collectability of accounts receivable or early termination of agreements due to deterioration in economic conditions could negatively impact our results of operations.

We depend on the growth of mobile technologies, the Internet and the Internet infrastructure for our future growth and any decrease in growth or anticipated growth in mobile and Internet usage could adversely affect our business prospects.

Our future revenue and profits, if any, depend upon the continued widespread use of mobile technologies and the Internet as an effective commercial and business medium. Factors which could reduce the widespread use of mobile technologies (including mobile devices, in particular) and the Internet include:

- possible disruptions or other damage to the mobile, Internet or telecommunications infrastructure and networks;
- failure of the individual networking infrastructures of our advertisers, reseller partners, and distribution partners to alleviate potential overloading and delayed response times;
- a decision by advertisers and consumers to spend more of their marketing dollars on offline programs;
- increased governmental regulation and taxation; and
- actual or perceived lack of data security or privacy protection.

In particular, concerns over the security of online transactions and the privacy of users, including the risk of identity theft, may inhibit the growth of Internet usage, including commercial transactions. In order for the mobile and online commerce market to develop successfully, we and other market participants must be able to transmit confidential information, including credit card information, securely over public networks. Any decrease in anticipated mobile and Internet growth and usage could have a material adverse effect on our business prospects.

We are exposed to risks associated with credit card fraud and credit payment, and we may continue to suffer losses as a result of fraudulent data or payment failure by advertisers.

We have suffered losses and may continue to suffer losses as a result of payments made with fraudulent credit card data. Our failure to control fraudulent credit card transactions could reduce our net revenue and gross margin and negatively impact our standing with applicable credit card authorization agencies. In addition, under limited circumstances, we extend credit to advertisers who may default on their accounts payable to us or fraudulently “charge-back” amounts on their credit cards for services that have already been delivered by us.

Regulation of E-Commerce, Online Tracking, Online Data Collection, and Use of the Internet may adversely affect our business and operating results.

Mobile and online search, e-commerce and related businesses face uncertainty related to new or future government regulation at the federal, state, and international levels regarding e-commerce, online tracking, online data collection, and use of the Internet. Due to the rapid growth and widespread use of the Internet, state and federal legislatures (both domestically and abroad) have enacted and may continue to enact various laws and regulations relating to the Internet. Individual states may also enact consumer protection laws that are more restrictive than the ones that already exist.

Furthermore, the application of existing laws and regulations to companies that engage in e-commerce, or otherwise interact with the Internet remains somewhat unclear. For example, as a result of the actions of advertisers in our network, we may be subject to existing laws and regulations relating to a wide variety of issues such as consumer privacy, gambling, sweepstakes, advertising, promotions, defamation, pricing, taxation, financial market regulation, quality of products and services, computer trespass, spyware, adware, child protection and intellectual property ownership and infringement. In addition, it is not clear whether existing laws that require licenses or permits for certain of our advertisers’ lines of business apply to us, including those related to insurance and securities brokerage, law offices and pharmacies. Existing federal, state, and foreign laws that may affect the growth and profitability of our business include, among others:

- The Digital Millennium Copyright Act (DMCA) provides protection from copyright liability for online service

providers that list or link to third-party websites. We currently qualify for the safe harbor under the DMCA; however, if it were determined that we did not meet the safe harbor requirements, we could be exposed to copyright infringement litigation, which could be costly and time-consuming.

- The Children’s Online Privacy Protection Act (COPPA) restricts the online collection of personal information about children and the use of that information. The Federal Trade Commission (FTC) has the authority to impose fines and penalties upon website operators and online service providers that do not comply with the law. We do not currently offer any websites or online services “directed to children,” nor do we knowingly collect personal information from children.
- The Protection of Children from Sexual Predators Act requires online service providers to report evidence of violations of federal child pornography laws under certain circumstances.
- The Controlling the Assault of Non-Solicited Pornography and Marketing (CAN SPAM) Act of 2003 establishes requirements for those who send commercial e-mails, spells out penalties for entities that transmit noncompliant commercial e-mail and/or whose products are advertised in noncompliant commercial e-mail and gives consumers the right to opt-out of receiving commercial e-mails. The majority of the states also have adopted similar statutes governing the transmission of commercial e-mail. The FTC and the states, as applicable, are authorized to enforce the CAN-SPAM Act and the state-specific statutes, respectively. CAN-SPAM gives the Department of Justice the authority to enforce its criminal sanctions. Other federal and state agencies can enforce the law against organizations under their jurisdiction, and companies that provide Internet access may sue violators as well.
- The Electronic Communications Privacy Act prevents private entities from disclosing Internet subscriber records and the contents of electronic communications, subject to certain exceptions.
- The Computer Fraud and Abuse Act and other federal and state laws protect computer users from unauthorized computer access/hacking, and other actions by third parties which may be viewed as a violation of privacy. Courts may apply each of these laws in unintended and unexpected ways. As a company that provides services over the Internet as well as call recording and call tracking services, we may be subject to an action brought under any of these or future laws.
- Among the types of legislation currently being considered at the federal and state levels are consumer laws regulating for the use of certain types of software applications or downloads and the use of “cookies.” These proposed laws are intended to target specific types of software applications often referred to as “spyware,” “invasiveware” or “adware,” and may also cover certain applications currently used in the online advertising industry to serve and distribute advertisements. In addition, the FTC has sought inquiry regarding the implementation of a “do-not-track” requirement. Federal legislation is also expected to be introduced that would regulate “online behavioral advertising” practices. If passed, these laws would impose new obligations for companies that use such software applications or technologies. At least one state already has enacted a law, which went into effect in January 2014, regarding online tracking.

Many Internet services are automated, and companies such as ours may be unknowing conduits for illegal or prohibited materials. It is possible that some courts may impose a strict liability standard or require such companies to monitor their customers’ conduct. Although we would not be responsible or involved in any way in such illegal conduct, it is possible that we would somehow be held responsible for the actions of our advertisers or distribution partners.

We may also be subject to costs and liabilities with respect to privacy issues. Several companies have incurred penalties for failing to abide by the representations made in their public-facing privacy policies. In addition, several states have passed laws that require businesses to implement and maintain reasonable security procedures and practices to protect sensitive personal information and to provide notice to consumers in the event of a security breach. Further, it is anticipated that additional federal and state privacy-related legislation will be enacted. Such legislation could negatively affect our business. In addition, foreign countries may enact laws that could negatively impact our business and/or may prosecute us for violating existing laws. Such laws might include EU member country conforming legislation under applicable EU Privacy, eCommerce, Data Protection Directives (and similar legislation in other countries where we may have operations), and the recently enacted EU General Data Protection Regulation, which is directly applicable to all member states. Any costs incurred in addressing foreign laws could negatively affect the viability of our business. Our exposure to this risk will increase to the extent we expand our operations internationally.

Federal, state, and foreign regulation of telecommunications may adversely affect our business and operating results.

We provide information and analytics services to certain advertisers and reseller partners that may include information services. In connection therewith, we obtain certain telecommunications products and services from carriers in order to deliver these packages of information and analytic services.

Telecommunications laws and regulations (and interpretations thereof) are evolving in response to rapid changes in the telecommunications industry. If our carrier partners were to be subject to any changes in applicable law or regulation (or interpretations thereof), or additional taxes or surcharges, then we in turn may be subject to increased costs for their products and services or receive products and services that may be of less value to our customers, which in turn could adversely affect our business and operating results. Furthermore, our call recording and pay-for-call services may directly subject us to certain telecommunications-related regulations. Finally, in the event that any federal or state regulators were to expand the scope of applicable laws and regulations or their application to include certain end users and information service providers, then our business and operating results could also be adversely affected. The following existing and possible future federal and state laws could impact the growth and profitability of our business:

- The Communications Act of 1934, as amended by the Telecommunications Act of 1996 (the “Act”), and the regulations promulgated by the Federal Communications Commission under Title II of the Act, may impose federal licensing, reporting and other regulatory obligations on the Company. To the extent we contract with and use the networks of voice over IP service providers, new legislation or FCC regulation in this area could restrict our business, prevent us from offering service or increase our cost of doing business. There are an increasing number of regulations and rulings that specifically address access to commerce and communications services on the Internet, including IP telephony. We are unable to predict the impact, if any, that future legislation, legal decisions or regulations concerning voice services offered via the Internet may have on our business, financial condition, and results of operations.
- The U.S. Congress, the FCC, state legislatures or state agencies may target, among other things, access or settlement charges, imposing taxes related to Internet communications, imposing tariffs or other regulations based on encryption concerns, or the characteristics and quality of products and services that we may offer. Any new laws or regulations concerning these or other areas of our business could restrict our growth or increase our cost of doing business.
- The FCC has initiated a proceeding regarding the regulation of broadband services. The increasing growth of the broadband IP telephony market and popularity of broadband IP telephony products and services heighten the risk that the FCC or other legislative bodies will seek to regulate broadband IP telephony and the Internet. In addition, large, established telecommunication companies may devote substantial lobbying efforts to influence the regulation of the broadband IP telephony market, which may be contrary to our interests.
- There is risk that a regulatory agency will require us to conform to rules that are unsuitable for IP communications technologies or rules that cannot be complied with due to the nature and efficiencies of IP routing, or are unnecessary or unreasonable in light of the manner in which we offer voice-related services such as call recording and pay-for-call services to our customers.
- Federal and state telemarketing laws including the Telephone Consumer Protection Act, the Telemarketing Sales Rule, the Telemarketing Consumer Fraud and Abuse Prevention Act and the rules and regulations promulgated thereunder.
- Laws affecting telephone call recording and data protection, such as consent and personal data statutes. Under the federal Wiretap Act, at least one party taking part in a call must be notified if the call is being recorded. Under this law, and most state laws, there is nothing illegal about one of the parties to a telephone call recording the conversation. However, several states (i.e., California, Connecticut, Florida, Illinois, Maryland, Massachusetts, Michigan, Montana, Nevada, New Hampshire, Pennsylvania and Washington) require that all parties consent when one party wants to record a telephone conversation. The telephone recording laws in other states, like federal law, require only one party to be aware of the recording. A Wiretap Act violation is a Class D felony; the maximum authorized penalties for a violation of section 2511(1) of the Wiretap Act are imprisonment of not more than five years and a fine under Title 18. Authorized fines are typically not more than \$250,000 for individuals or \$500,000 for an organization, unless there is a substantial loss. State laws impose similar penalties.
- The Communications Assistance for Law Enforcement Act may require that we undertake material modifications to our platforms and processes to permit wiretapping and other access for law enforcement personnel.

- Under various Orders of the Federal Communications Commission, we may be required to make material retroactive and prospective contributions to funds intended to support Universal Service, Telecommunications Relay Service, Local Number Portability, the North American Numbering Plan and the budget of the Federal Communications Commission.
- Laws in most states of the United States of America may require registration or licensing of one or more of our subsidiaries, and may impose additional taxes, fees or telecommunications surcharges on the provision of our services which we may not be able to pass through to customers.
- Our international operations may expose us to telecommunications regulations in the countries where we are operating and these regulations could negatively affect the viability of our business in those regions.

State and local governments may in the future be permitted to levy additional taxes on Internet access and electronic commerce transactions, which could result in a decrease in the level of usage of our services. In addition, we may be required to pay additional income, sales, or other taxes.

The federal government has placed a ban for now on state and local governments' imposition of new taxes on Internet access or electronic commerce transactions through the Internet Tax Freedom Act. The proposed Marketplace Fairness Act, if enacted into law, would allow states to require online and other out of state merchants to collect and remit sales and use tax on products and services that they may sell. An increase in taxes may make electronic commerce transactions less attractive for advertisers and businesses, which could result in a decrease in the level of usage of our services. Additionally, from time to time, various state, federal and other jurisdictional tax authorities undertake reviews of us and our filings. In evaluating the exposure associated with various tax filing positions, we may on occasion accrue charges for probable exposures. We cannot predict the outcome of any of these reviews.

Risks Relating to Ownership of our Class B common stock

Our Class B common stock prices have been and are likely to continue to be highly volatile.

The trading prices of our Class B common stock have been and are likely to continue to be highly volatile and subject to wide fluctuations and has more recently declined significantly. Our stock prices may fluctuate in response to a number of events and factors, which may be the result of our business strategy or events beyond our control, including:

- actual or anticipated fluctuations in our operating results;
- developments concerning proprietary rights, including patents, by us or a competitor;
- announcements by us or our competitors of significant contracts, acquisitions, financings, commercial relationships, joint ventures or capital commitments;
- loss of senior management or other key personnel;
- registration of additional shares of Class B common stock in connection with acquisitions;
- lawsuits initiated against us or lawsuits initiated by us;
- announcements of acquisitions or technical innovations;
- potential loss or reduced contributions from distribution partners, reseller partners and agencies, or advertisers;
- significant volatility in the market price and trading volume of technology companies in general and of companies in the digital advertising industry in particular;
- changes in growth or earnings estimates or recommendations by analysts;
- changes in the market valuations of similar companies;
- changes in our industry and the overall economic environment;
- volume of shares of Class B common stock available for public sale, including upon conversion of Class A common stock or upon exercise of stock options;
- Class B common stock repurchases under our share repurchase program;
- sales and purchases of stock by us or by our stockholders, including sales by certain of our executive officers and directors pursuant to written pre-determined selling and purchase plans under Rule 10b5-1 of the Securities Exchange Act of 1934, as amended (the "Exchange Act");

- short sales, hedging and other derivative transactions on shares of our Class B common stock; and
- an adverse impact on us from any of the other risks cited in this Risk Factors section.

In addition, the stock market in general, and the NASDAQ Global Select Market and the market for mobile and online commerce companies in particular, have experienced extreme price and volume fluctuations that have often been unrelated or disproportionate to the operating performance of the listed companies. These broad market and industry factors may seriously harm the market price of our Class B common stock, regardless of our operating performance. In the past, following periods of volatility in the market, securities class action litigation has often been instituted against these companies.

Litigation against us, whether or not judgment is entered against us, could result in substantial costs and potentially economic loss, and a diversion of our management's attention and resources, any of which could seriously harm our financial condition. Additionally, there can be no assurance that an active trading market of our Class B common stock will be sustained.

If securities analysts do not continue to publish research or publish negative research about our business, our stock price and trading volume could decline.

The trading market for our Class B common stock depends in part on the research and reports that securities analysts publish about us or our business. If one or more of the analysts who covers us downgrades our stock or publishes negative research about our business, our stock price would likely decline. If one or more of these analysts ceases coverage of our company or fails to publish reports on us regularly, we could lose visibility in the market for our stock and demand for our stock could decrease, which could cause our stock price or trading volume to decline.

Our founders control the outcome of stockholder voting, and there may be an adverse effect on the price of our Class B common stock due to the disparate voting rights of our Class A common stock and our Class B common stock.

As of June 30, 2017, Russell C. Horowitz and Ethan A. Caldwell, two of our founders, beneficially owned 100% of the outstanding shares of our Class A common stock, which shares represented 77% of the combined voting power of all outstanding shares of our capital stock. These founders together controlled 77% of the combined voting power of all outstanding shares of our capital stock as of June 30, 2017. The holders of our Class A common stock and Class B common stock have identical rights except that the holders of our Class B common stock are entitled to one vote per share, while holders of our Class A common stock are entitled to twenty-five votes per share on all matters to be voted on by stockholders. This concentration of control could be disadvantageous to our other stockholders with interests different from those of these founders. This difference in the voting rights of our Class A common stock and Class B common stock could adversely affect the price of our Class B common stock to the extent that investors or any potential future purchaser of our shares of Class B common stock give greater value to the superior voting rights of our Class A common stock. Further, as long as these founders have a controlling interest, they will continue to be able to elect all or a majority of our board of directors and generally be able to determine the outcome of all corporate actions requiring stockholder approval. As a result, these founders will be in a position to continue to control all fundamental matters affecting our company, including any merger involving, sale of substantially all of the assets of, or change in control of, our company. The ability of these founders to control our company may result in our Class B common stock trading at a price lower than the price at which such stock would trade if these founders did not have a controlling interest in us. This control may deter or prevent a third-party from acquiring us which could adversely affect the market price of our Class B common stock.

Anti-takeover provisions may limit the ability of another party to acquire us, which could cause our stock price to decline.

Our certificate of incorporation, as amended, our by-laws and Delaware law contain provisions that could discourage, delay or prevent a third-party from acquiring us, even if doing so may be beneficial to our stockholders. In addition, these provisions could limit the price investors would be willing to pay in the future for shares of our Class B common stock. The following are examples of such provisions in our certificate of incorporation, as amended, or our by-laws:

- the authorized number of our directors can be changed only by a resolution of our board of directors;
- advance notice is required for proposals that can be acted upon at stockholder meetings;
- there are limitations on who may call stockholder meetings; and
- our board of directors is authorized, without prior stockholder approval, to create and issue "blank check" preferred stock.

We are also subject to Section 203 of the Delaware General Corporation Law, which provides, subject to enumerated exceptions, that if a person acquires 15% or more of our voting stock, the person is an “interested stockholder” and may not engage in “business combinations” with us for a period of three years from the time the person acquired 15% or more of our voting stock. The application of Section 203 of the Delaware General Corporation Law could have the effect of delaying or preventing a change of control of our company.

We may not pay dividends on our Class B common stock in the future which could impair the value of such stock.

Under Delaware law, dividends to stockholders may be made only from the surplus of a company, or, in certain situations, from the net profits for the current fiscal year or the fiscal year before which the dividend is declared. Our ability to pay dividends in the future will depend on our financial results, liquidity and financial condition. We currently do not anticipate declaring or paying dividends in the foreseeable future.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

In November 2014, we established a 2014 share repurchase program, which supersedes and replaces any prior repurchase programs, and authorized the Company to repurchase up to 3 million shares in the aggregate of the Company’s Class B common stock. The timing and actual number of shares repurchased will depend on a variety of factors including price, corporate and regulatory requirements, capital availability, and other market conditions. During the six months ended June 30, 2017, we did not have any share repurchases and 1,319,128 of Class B common shares may yet be purchased under the plan.

Item 4. Mine Safety Disclosures

Not applicable.

Item 6. Exhibits

Exhibit Number	Description
†* 10.45	First Amendment to Agreement effective May 12, 2017, by and between Russell C. Horowitz and the Registrant.
† 10.46	Amendment No. 3 to Amended and Restated Lease effective June 27, 2017, by and between 520 Pike Street, Inc. and the Registrant.
† 31.1	Certification of Principal Executive Officer pursuant to Rule 13a-14(a)/15d-14(a) as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
† 31.2	Certification of Principal Financial Officer pursuant to Rule 13a-14(a)/15d-14(a) as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
†† 32	Certification of Principal Executive Officer and Principal Financial Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
† 101.INS	XBRL Instance Document.
† 101.SCH	XBRL Taxonomy Extension Schema Document.
† 101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document.
† 101.DEF	XBRL Taxonomy Extension Definition Linkbase Document.
† 101.LAB	XBRL Taxonomy Extension Labels Linkbase Document.
† 101.PRE	XBRL Taxonomy Presentation Linkbase Document.

* Management contract or compensatory plan or arrangement.

† Filed herewith.

†† Furnished herewith.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

MARCHEX, INC.

Date: August 4, 2017

By: _____ /s/ MICHAEL A. ARENDS
Name: **Michael A. Arends**
Title: **Chief Financial Officer and member of the office of CEO
(Principal Financial and Accounting Officer)**

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†† Furnished herewith.

FIRST AMENDMENT TO AGREEMENT

This First Amendment to the Agreement (the "Amendment") is made effective as of May 12, 2017, by and between Marchex, Inc. on behalf of itself and its successors, subsidiaries, affiliates and related companies (referred to collectively as the "Company" or "Marchex"), and Russell C. Horowitz ("Executive"), in order to amend the Agreement by and between the Company and Executive dated May 11, 2016 (the "Agreement").

WHEREAS, the parties desire to enter into this Amendment to extend the Consulting Period and related compensation in connection therewith as set forth herein.

NOW, THEREFORE, in consideration of the mutual covenants and promises herein contained, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company and Executive hereby agree as follows:

1. Section 4 of the Agreement is amended in its entirety to read as follows:

"Compensation during Consulting Period. For consulting services rendered by Executive during the Consulting Period, the Company shall pay Executive an amount of \$21,250.00 per month, payable in advance monthly through the end of the Consulting Period. From May 12, 2017, the consulting period shall continue month to month and shall continue until Executive or the Company provides the other with notice in writing within five (5) days prior to the end of any such monthly period of the decision to terminate the consulting arrangement (the "Consulting Period")."

2. Section 5(a) of the Consulting Agreement is amended in its entirety to read as follows:

"Consulting Agreement.

(a) During the Consulting Period, Executive will provide consulting and advisory services from time to time as may be reasonably requested by the Company's Chairman of the Board of Directors, provided that the Company will take into consideration Executive's other business and personal commitments that may arise during the Consulting Period. Such consulting services may be conducted in person, by phone or via alternate communications. Such matters are expected to consist of:

- Participation in the ongoing review of the Company's strategy;
- Reviewing and meeting with potential new director candidates;
- Participating in the mentoring of the executive team; and
- Assistance and cooperation with the efficient transfer to the Company and its ongoing management team of Executive's institutional knowledge and understanding and relationships with former, current and prospective partners, agencies and customers."

3. Section 5(d) of the Consulting Agreement is hereby deleted.

4. Except as set forth herein, all other terms and conditions of the Agreement will remain in full force and effect.

5. This Amendment together with the Agreement contain the entire agreement of the parties relating to the subject matter hereof, and the parties hereto have made no agreements, representations or warranties relating to the subject matter of this Amendment that are not set forth otherwise herein. No modification of this Amendment will be valid unless made in writing and signed by the parties hereto.

6. This Amendment will be governed by and interpreted in accordance with the laws of the State of Washington, without regard to the conflict of laws provisions hereof.
-

7. This Amendment may be executed in more than one counterpart, each of which will be deemed to be an original, and all such counterparts together will constitute one and the same instrument.

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IN WITNESS WHEREOF, the parties hereto have duly executed this Amendment as a sealed instrument as of the day and year first above written.

MARCHEX, INC.

By: /s/ Ethan Caldwell
Name: Ethan A. Caldwell
Title: General Counsel, CAO and a member of the Office of
the CEO

EXECUTIVE:

/s/ Russell C. Horowitz
Name: Russell C. Horowitz

AMENDMENT NO. 3 TO AMENDED AND RESTATED LEASE

This AMENDMENT NO. 3 TO LEASE (this "Amendment") is made this 27th day of June, 2017 (the "Effective Date"), by and between 520 Pike Street, Inc., a Delaware corporation ("Landlord"), and Marchex, Inc., a Delaware corporation ("Tenant").

RECITALS:

A. Landlord and Tenant are parties to that certain Amended and Restated Lease dated June 4, 2009, as amended by that certain Amendment No. 1 to Amended and Restated Lease dated September 18, 2009, and as amended by that certain Amendment No. 2 to Office Lease dated December 2, 2010 (collectively, the "Lease"). Pursuant to the Lease, Landlord has leased to Tenant Suites 1800, 1900, 2000, 2150 and 2050 (the "Original Premises") located on the respective floors of the building commonly known as the 520 Pike Tower located at 520 Pike Street, Seattle, Washington (the "Building"). The Building is situated on the land more particularly described in Exhibit A-1 attached hereto, and the Premises, after the Surrendered Premises (hereinafter defined) is removed from the Original Premises pursuant to this Amendment, are depicted in Exhibit A-2 attached hereto. Capitalized terms used in this Amendment, but not defined herein, shall have the meanings ascribed to them in the Lease.

B. The Lease by its terms shall expire on March 31, 2018 ("Prior Termination Date").

C. The parties desire to surrender a portion of the Original Premises and to extend the term of the Lease, all on the following terms and conditions.

NOW, THEREFORE, in consideration of the above recitals which by this reference are incorporated herein, the mutual covenants and conditions contained herein and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant agree as follows:

1. **Extension.** The term of the Lease is hereby extended for a period of eighty four (84) months and shall expire on March 31, 2025 (the "Extended Termination Date"), unless sooner terminated in accordance with the terms of the Lease. That portion of the term of the Lease commencing on the day immediately following the Prior Termination Date (the "Extension Date") and ending on the Extended Termination Date is sometimes referred to herein as the "Extended Term".

2. **Reduction of the Premises.** As of September 1, 2017 (the "Surrender Date"), the Premises and the Agreed Area of the Premises shall be reduced to 36,091 rentable square feet, comprised of Suites 1900 and 2000, by the surrender of Suite 1800 comprising approximately 17,302 rentable square feet, and Suite 2150 comprising approximately 9,392 rentable square feet (collectively, the "Surrendered Premises"). Landlord shall incorporate Suite 2050 into Suite 2000, and any and all references to Suite 2050 in the Lease are hereby deleted from the Lease. Tenant shall surrender to Landlord the Surrendered Premises in the condition required by the Lease on or before the Surrender Date, provided however, that if needed, Tenant shall have until no later than September 15, 2017 to remove Tenant's server equipment from the 18th floor. Tenant acknowledges that any equipment remaining on the 18th floor after such date shall be treated like other personal property of Tenant that is left within the premises after the expiration or sooner termination of the Lease.

3. **Fixed Rent.** As of the Surrender Date, Tenant shall pay to Landlord Fixed Rent for the Premises, as amended hereby, pursuant to the following schedule:

Period	Annual Rental Rate Per RSF	Annual Fixed Rent	Monthly Fixed Rent
September 1, 2017 – March 31, 2018	--	\$1,150,212.00*	\$95,851.00
April 1, 2018 – March 31, 2019	\$40.00	\$1,443,640.00	\$120,303.33
April 1, 2019 – March 31, 2020	\$41.20	\$1,486,949.20	\$123,912.43
April 1, 2020 – March 31, 2021	\$42.44	\$1,531,557.68	\$127,629.81
April 1, 2021 – March 31, 2022	\$43.71	\$1,577,504.41	\$131,458.70
April 1, 2022 – March 31, 2023	\$45.02	\$1,624,829.54	\$135,402.46
April 1, 2023 – March 31, 2024	\$46.37	\$1,673,574.42	\$139,464.54
April 1, 2024 – March 31, 2025	\$47.76	\$1,723,781.66	\$143,648.47

*Based upon a 12-month calendar year.

All such Rent shall be payable by Tenant in accordance with the terms of the Lease.

4. **Tenant's Share.** For the period commencing on the Surrender Date and ending on the Extended Termination Date, Tenant's Share is 9.0950%, based on the ratio of the Agreed Area of the Premises, which is amended to be 36,091 rentable square feet, to the Agreed Area of the Building, which is hereby amended to be 396,821 rentable square feet.

5. **Taxes and Operating Expenses.** For the period commencing on the Extension Date and ending on the Extended Termination Date, Tenant shall pay Tenant's Tax Payment and Tenant's Operating Payment in accordance with the Lease, as amended hereby, except that the Base Year for the computation of Base Taxes and Base Operating Expenses shall be calendar year 2018.

6. **Condition of Premises; Landlord's Contribution.** Except as provided otherwise in Exhibit B, Tenant accepts Premises in their "AS IS" condition, and Landlord has no obligation to perform any work, supply any materials, incur any expense or make any alterations or improvements to prepare the Premises for Tenant's occupancy. Landlord shall pay a sum of Nine Hundred Two Thousand Two Hundred Seventy Five and No/100 Dollars (\$902,275.00) ("**Landlord's Contribution**") toward the cost of further alterations to the Premises ("**Initial Installations**"), all as more specifically provided in the Work Letter attached to this Amendment as Exhibit B ("**Work Letter**"). Landlord and Tenant acknowledge and agree that any work letter attached to the Lease is of no further force and effect and that the Work Letter attached hereto shall apply to the construction of any tenant improvements to the Premises desired to be made by Tenant during the one (1) year period ending on the first anniversary of the Extension Date, provided however, that if Tenant has not used the entire Landlord's Contribution for the completion of the Initial Installments on or before such date, Tenant may elect to apply an amount not exceeding One Hundred Eighty Thousand Four Hundred Fifty Five and No/100 dollars (\$180,455.00) of the remaining Landlord's Contribution as a credit against Fixed Rent and any other payment obligations under the Lease.

7. **Letter of Credit.** Effective as of the Extension Date, Article 27, "Security Deposit" is deleted, and the following provision, Article 27, "Letter of Credit," is substituted therefor. The parties acknowledge that Landlord is in possession of a Security Deposit in the amount of \$143,729.21, which amount, or any remaining portion thereof, shall be returned to Tenant or before the Extension Date, provided however, that Tenant is not in default under the Lease.

Article 27. Letter of Credit

27.1 Form of Letter of Credit; Letter of Credit Amount. Tenant shall deliver to Landlord, as protection for the full and faithful performance by Tenant of all of its obligations under this Lease and for all losses and damages Landlord may suffer as a result of any breach or default by Tenant under this Lease, an irrevocable and unconditional negotiable standby letter of credit (the "Letter of Credit"), in the form attached hereto as **Exhibit C** and containing the terms required herein, payable in the City of Seattle, Washington, running in favor of Landlord and issued by a solvent, nationally recognized bank with a long term rating of BBB or higher, under the supervision of the Superintendent of Banks of the State of Washington, or a national banking association, in the amount of Five Hundred Seventy Four Thousand Five Hundred Ninety Three and 88/100 (\$574,593.88) (the "Letter of Credit Amount"). The Letter of Credit shall (i) be "callable" at sight, irrevocable and unconditional, (ii) be maintained in effect, whether through renewal or extension, for the period from the Commencement Date and continuing until the date (the "LC Expiration Date") that is one hundred twenty (120) days after the Expiration Date, and Tenant shall deliver a new Letter of Credit or certificate of renewal or extension to Landlord at least ninety (90) days prior to the expiration of the Letter of Credit then held by Landlord, without any action whatsoever on the part of Landlord, (iii) be fully assignable by Landlord, its successors and assigns, (iv) permit partial draws and multiple presentations and drawings, and (v) be otherwise subject to the Uniform Customs and Practices for Documentary Credits (1993 Revision) International Chamber of Commerce Publication #500. The form and terms of the Letter of Credit and the bank issuing the same (the "Bank") shall be acceptable to Landlord, in Landlord's reasonable discretion. Landlord, or its then managing agent, shall have the right to draw down an amount up to the face amount of the Letter of Credit if any of the following shall have occurred or be applicable: (1) such amount is due to Landlord under the terms and conditions of this Lease as a result of an uncured Tenant default, or (2) Tenant has filed a voluntary petition under the U. S. Bankruptcy Code or any state bankruptcy code (collectively, "Bankruptcy Code"), or (3) an involuntary petition has been filed against Tenant under the Bankruptcy Code, or (4) the Bank has notified Landlord that the Letter of Credit will not be renewed or extended through the LC Expiration Date. The Letter of Credit will be honored by the Bank regardless of whether Tenant disputes Landlord's right to draw upon the Letter of Credit.

27.2 Transfer of Letter of Credit by Landlord. The Letter of Credit shall also provide that Landlord, its successors and assigns, may, at any time and without notice to Tenant and without first obtaining Tenant's consent thereto, transfer (one or more times) all of its interest in and to the Letter of Credit by amendment thereto to another party, person or entity, regardless of whether or not such transfer is separate from or as a part of the assignment that acquires Landlord's interest in the Property and the Lease. In the event of such transfer of Landlord's interest in the Building and the Lease, Landlord shall transfer the Letter of Credit, in whole, to the transferee and thereupon Landlord shall, without any further agreement between the parties, be released by Tenant from all liability therefor, and it is

agreed that the provisions hereof shall apply to every transfer or assignment of the whole of said Letter of Credit to a new landlord. In connection with any such transfer of the Letter of Credit by Landlord, Tenant shall, at Landlord's sole cost and expense, execute and submit to the Bank such applications, documents and instruments as may be necessary to effectuate such transfer, and Landlord shall be responsible for paying the Bank's transfer and processing fees in connection therewith.

27.3 Maintenance of Letter of Credit by Tenant. If, as a result of any drawing by Landlord on the Letter of Credit, the amount of the Letter of Credit shall be less than the Letter of Credit Amount, Tenant shall, within twenty (20) days thereafter, provide Landlord with additional letter(s) of credit in an amount equal to the deficiency, and any such additional letter(s) of credit shall comply with all of the provisions of this Article 27, and if Tenant fails to comply with the foregoing, notwithstanding anything to the contrary contained in Section 15.1 of this Lease, the same shall constitute an incurable Event of Default by Tenant. Tenant further covenants and warrants that it will neither assign nor encumber the Letter of Credit or any part thereof and that neither Landlord nor its successors or assigns will be bound by any such assignment, encumbrance, attempted assignment or attempted encumbrance. Without limiting the generality of the foregoing, if the Letter of Credit expires earlier than the LC Expiration Date, Landlord will accept a renewal or replacement thereof (such renewal letter of credit to be in effect and delivered to Landlord, as applicable, not later than ninety (90) days prior to the expiration of the Letter of Credit), which shall be irrevocable and automatically renewable as above provided through the LC Expiration Date upon the same terms as the expiring Letter of Credit or such other terms as may be acceptable to Landlord in its reasonable discretion. However, if the Letter of Credit is not timely renewed, or if Tenant fails to maintain the Letter of Credit in the amount and in accordance with the terms set forth in this Article 27, Landlord shall have the right to present the Letter of Credit to the Bank in accordance with the terms of this Article 27, and the proceeds of the Letter of Credit may be applied by Landlord against any Rent payable by Tenant under this Lease that is not paid when due and/or to pay for all losses and damages that Landlord has suffered as an Event of Default by Tenant under this Lease. Any unused proceeds shall constitute the property of Landlord and need not be segregated from Landlord's other assets. Landlord agrees to pay to Tenant within thirty (30) days after the LC Expiration Date the amount of any proceeds of the Letter of Credit received by Landlord and not applied against any Rent payable by Tenant under this Lease that was not paid when due or used to pay for any losses and/or damages suffered by Landlord as a result of an Event of Default by Tenant under this Lease; provided, however, that if prior to the LC Expiration Date a voluntary petition is filed by Tenant, or an involuntary petition is filed against Tenant by any of Tenant's creditors, under the Bankruptcy Code, then Landlord shall not be obligated to make such payment in the amount of the unused Letter of Credit proceeds until either all preference issues relating to payments under this Lease have been resolved in such bankruptcy or reorganization case or such bankruptcy or reorganization case has been dismissed.

27.4 Landlord's Right to Draw Upon Letter of Credit. Tenant hereby acknowledges and agrees that Landlord is entering into this Lease (and any amendments thereto) in material reliance upon the ability of Landlord to draw upon the Letter of Credit upon the occurrence of an Event of Default on the part of Tenant under this Lease. If Tenant shall breach any provision of this Lease or otherwise be in default hereunder beyond applicable notice and cure periods, Landlord may, but without obligation to do so, and without notice to Tenant, draw upon the Letter of Credit, in part or in whole, to cure any breach or default of Tenant and/or to compensate Landlord for any and all actual damages of any kind or nature sustained resulting from an Event of Default by Tenant. The use, application or retention of the Letter of Credit, or any portion thereof, by Landlord shall not prevent Landlord from exercising any other right or remedy provided by this Lease or by any applicable law, it being intended that Landlord shall not first be required to proceed against the Letter of Credit, and shall not operate as a limitation on any recovery to which Landlord may otherwise be entitled. Tenant agrees not to interfere in any way with payment to Landlord of the proceeds of the Letter of Credit, either prior to or following a "draw" by Landlord of any portion of the Letter of Credit, regardless of whether any dispute exists between Tenant and Landlord as to Landlord's right to draw upon the Letter of Credit. No condition or term of this Lease shall be deemed to render the Letter of Credit conditional to justify the issuer of the Letter of Credit in failing to honor a drawing upon such Letter of Credit in a timely manner. Tenant agrees and acknowledges that (a) the Letter of Credit constitutes a separate and independent contract between Landlord and the Bank, (b) Tenant is not a third party beneficiary of such contract, (c) Tenant has no property interest whatsoever in the Letter of Credit or the proceeds thereof, and (d) in the event Tenant becomes a debtor under any chapter of the Bankruptcy Code, neither Tenant, any trustee, nor Tenant's bankruptcy estate shall have any right to restrict or limit Landlord's claim and/or rights to the Letter of Credit and/or the proceeds thereof by application of Section 502(b)(6) of the U. S. Bankruptcy Code or otherwise.

27.5 Letter of Credit Not a Security Deposit. Landlord and Tenant acknowledge and agree that in no event or circumstance shall the Letter of Credit or any renewal thereof or any proceeds thereof be (i) deemed to be or treated as a "security deposit" under Washington law. The parties hereto (A) recite that the Letter of Credit is not intended to serve as a security deposit and any provisions of Washington law applicable to security deposits in the commercial

context ("Security Deposit Laws") shall have no applicability or relevancy thereto and (B) waive any and all rights, duties and obligations either party may now or, in the future, will have relating to or arising from the Security Deposit Laws.

27.6 Reduction of the Letter of Credit Amount. Provided that Tenant is not and has not been in default at any time under this Lease following expiration of applicable cure periods prior to the following dates, the Letter of Credit Amount shall be reduced by the amount of \$100,000.00 on each anniversary of the Extension Date. Landlord shall use commercially reasonable efforts to assist Tenant in amending or replacing the Letter of Credit to reflect any such reductions. In the event that Tenant fails to cure within the applicable cure period any default concerning the payment of Rent or any other payment obligation under this Lease, Landlord may elect to increase the Letter of Credit Amount to the original amount set forth in this Article 27, in which case Tenant shall, within ten (10) business days of demand, provide Landlord with additional letter(s) of credit in an amount equal to the deficiency for the remainder of the Term, and there will be no further reductions of the Letter of Credit Amount. If Tenant fails to comply with the foregoing, notwithstanding anything to the contrary contained in Section 15.1 of this Lease, the same shall constitute an incurable Event of Default by Tenant.

8. **Option to Terminate.** Effective as of the Surrender Date, Article 29, Option to Terminate, is hereby deleted in its entirety and the following is substituted therefor:

Tenant shall have the right, at its option, to terminate this Lease as of March 31, 2023 (the "Termination Date") by giving Landlord notice to such effect (the "Termination Notice") not less than six (6) months before the Termination Date and paying the Termination Payment to Landlord on or before the Termination Date. The Termination Payment shall be \$670,984.38. This option to terminate shall not be available to a subtenant of all or a portion of the Premises or an assignee (other than a Permitted Assignee, a Related Entity or a person or entity who acquired Tenant's interest in this Amended and Restated Lease in a transaction approved by Landlord) unless otherwise agreed in writing by Landlord. Except as provided in the preceding sentence, this option is intended to be personal to the specific Tenant entity named in the Lease.

9. **Parking.** Effective as of the Surrender Date, Section 30.1 is hereby deleted in its entirety and the following is substituted therefor:

Section 30.1 Parking. Tenant shall have the right to use one (1) parking stall in the parking garage of the Building per each 1,450 rentable square feet of space in the Premises from time to time. All such parking stalls shall be on a non-exclusive and unreserved basis. Based on 36,091 rentable square feet of space in the Premises, Tenant shall have the right to use twenty five (25) parking stalls in the parking garage of the Building. Tenant shall pay Landlord's current rates from time to time during the Term for such parking stalls. Landlord's current rate for each such parking stall is \$335.00 per month, or the amount then in effect.

11. **Option to Extend.** Article 31, Special Provision as to Suite 2050, is hereby terminated and deleted from the Lease.

12. **Option to Expand.** If Tenant requires additional space during the Extended Term, Tenant shall give Landlord not less than three (3) months prior notice to such effect (the "Expansion Notice"). If contiguous space on the 21st Floor of the Building (the "Expansion Space") is then vacant and available for lease or will be vacant and available for lease at the time the term as to such additional space would commence, then Landlord shall give Tenant notice of the availability of the Expansion Space (the "Offer Notice") and the terms (including rent, tenant improvement allowance, if any, and any other concessions Landlord is then offering prospective tenants for similar lease terms) on which Landlord is willing to lease the Expansion Space to Tenant for a term which expires on the Extended Termination Date which in no event shall be less than thirty-six (36) months. If there will be less than thirty-six (36) months remaining in the Extended Term for the Expansion Space the Option to Expand shall be void. The commencement date as to the Expansion Space shall be three (3) months after Tenant gives the Expansion Notice to Landlord or after Landlord delivers the Expansion Space to Tenant, whichever is later. To exercise its expansion right, Tenant must within ten (10) days after receipt of the Offer Notice give Landlord notice of its acceptance of Landlord's offer to lease the Expansion Space to Tenant (the "Acceptance Notice"). If Tenant gives the Acceptance Notice to Landlord within such ten (10) day period, then the Expansion Space shall be added to the Premises as of the commencement date as to the Expansion Space, the Fixed Rent shall be increased by an amount equal to the rent for the Expansion Space set forth in the Offer Notice, and Tenant's Share shall be appropriately adjusted. Landlord shall deliver possession of the Expansion Space to Tenant in its "AS IS" condition.

If at the time Tenant gives Landlord an Expansion Notice Landlord is engaged in ongoing negotiations with one or more prospective tenants to lease all or any part of the Expansion Space, then Landlord shall give notice to such effect to Tenant and Tenant may elect to either: (a) give Landlord a period of ninety (90) days from the date Tenant gives Landlord such Expansion Notice to complete such negotiations, or (b) if Landlord has made a Letter of Intent to one or more prospective tenants for space that includes all or any part of the Expansion Space (the "Third Party Premises") and sets forth the term, rental rate, tenant improvements or tenant

improvement allowance and other material economic terms of the proposed lease (the "Third Party Terms), then Tenant may elect to lease the Third Party Premises on the Third Party Terms by giving notice to such effect (the "Third Party Terms Acceptance Notice") within two (2) business days of the date on which Landlord gives notice of the Third Party Terms to Tenant. If Landlord has made a Letter of Intent to more than one such prospective tenant, then Landlord may select the Third Party Terms most favorable to Landlord as determined by Landlord in its sole discretion, and such Third Party Terms shall be set forth in Landlord's notice of the Third Party Terms to Tenant. Tenant acknowledges that the term as to the Third Party Premises may extend beyond the Expiration Date and that the Third Party Premises may include space in addition to the Expansion Space, and in which case Tenant shall be required to lease the entire Third Party Premises that includes space in addition to the Expansion Space. If such negotiations do not result in a fully executed lease with one of such prospective tenants within such ninety (90) day period, then the Expansion Notice shall become effective in accordance with its original terms, except that the Expansion Space Commencement Date set forth in the Expansion Notice shall be postponed by ninety (90) days.

Landlord shall have the unrestricted right to lease all space on the 21st Floor of the Building unless and until Tenant gives Landlord an Expansion Notice at which time Landlord shall cease further efforts to lease the Expansion Space described in the Expansion Notice, except as otherwise provided in this Section.

13. **Brokers.** Landlord has retained Jones Lang LaSalle Americas, Inc. ("Landlord's Agent") as leasing agent in connection with this Amendment and Landlord will be solely responsible for any fee that may be payable to Landlord's Agent. Tenant has retained Kidder Mathews ("Tenant's Broker") as its agent in connection with this Amendment. Landlord agrees to pay a commission to Tenant's Broker pursuant to a separate agreement, provided however, that Landlord shall have no obligation to pay Tenant's Broker for the final two (2) years of the Extended Term unless and until Tenant's right to sooner terminate this Lease pursuant to Article 29 of the Lease, as amended hereby, has expired. Each of Landlord and Tenant represents and warrants to the other that neither it nor its agents have dealt with any broker in connection with this Amendment other than Landlord's Agent and Tenant's Broker. Each of Landlord and Tenant shall indemnify and hold the other party harmless from and against any and all losses which the indemnified party may incur by reason of any claim of or liability to any broker, finder or like agent (other than Landlord's Agent and Tenant's Broker) arising out of any dealings claimed to have occurred between the indemnifying party and the claimant in connection with this Amendment, and/or the above representation being false.

14. **No Other Modifications.** Except as expressly amended herein, all of the terms and provisions of the Lease shall remain unmodified and in full force and effect. There are no other promises, agreements, conditions, understandings, inducements, warranties or representations, written, express or implied, between the parties or their employees or agents with respect to this Amendment other than as set forth herein; and no prior agreements, understandings or representations pertaining to any matters shall be effective for any purpose.

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DATED the date and year first above written.

LANDLORD:

520 PIKE STREET, INC.,
a Delaware corporation

By:/s/ Michael B. Benner
Name: Michael B. Benner
Its: Vice President and Secretary

TENANT:

MARCHEX, INC.,
a Delaware corporation

By:/s/ Ethan Caldwell
Name: Ethan Caldwell
Its: CAO

EXHIBIT A-1

Legal Description

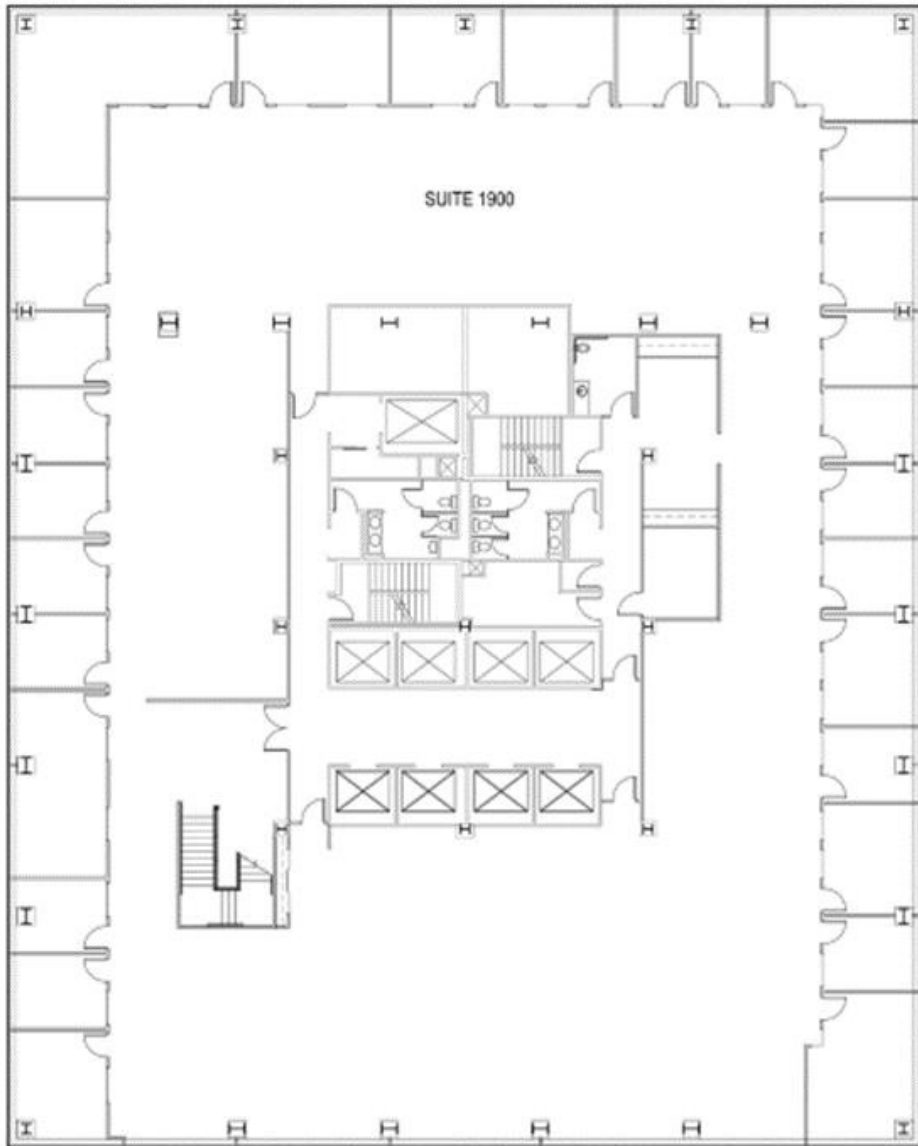
Lots 10 and 11, Block 18, Addition to the Town of Seattle, as laid out by A.A. Denny (commonly known as A.A. Denny's 3rd Addition to the City of Seattle), according to the plat thereof recorded in Volume 1 of Plats, page 33, in King County, Washington, EXCEPT the southerly 10 feet of said Lot 11, condemned in King County Superior Court Cause No. 41394 for the widening of Pike Street, as provided by Ordinance No. 10051 of the City of Seattle.

SUBJECT TO AND TOGETHER WITH all rights and obligations granted and undertaken pursuant to: (a) Development and Parking Rights Agreement dated April 8, 1982 recorded under King County, Washington recording number 8204080464, as amended by agreements recorded under King County, Washington recording numbers 8208240318 and 8208240316, and as it may be further amended from time to time, and (b) Development Rights Agreement dated May 30, 1982 recorded under King County, Washington recording number 8208240314, as amended by agreement recorded under King County, Washington recording number 8208240316, and a Memorandum dated December 5, 1988 recorded under King County, Washington recording number 8812051221, and as it may be further amended from time to time.

EXHIBIT A-2

Floor Plan of the Premises

The floor plan which follows is intended solely to identify the general location of the Premises, and should not be used for any other purpose. All areas, dimensions and locations are approximate, and any physical conditions indicated may not exist as shown.



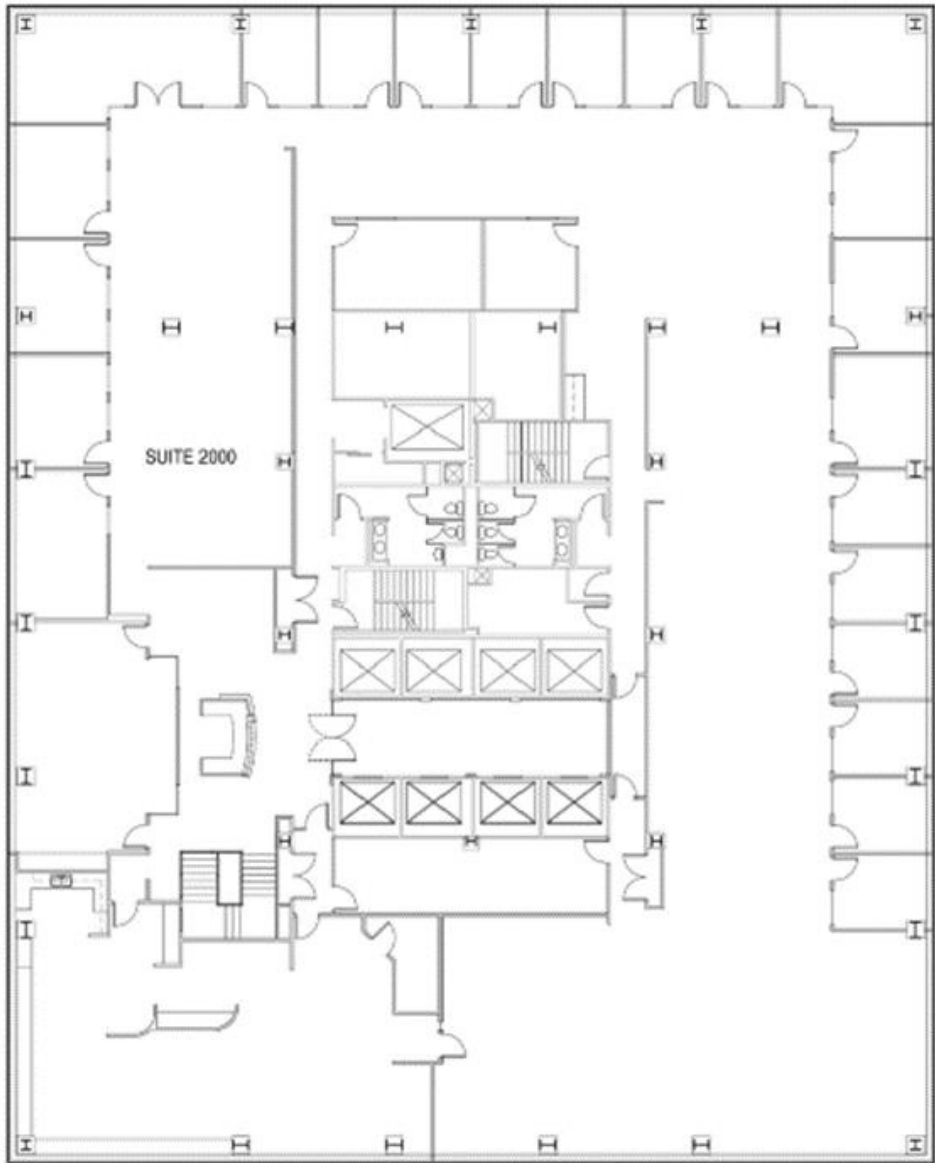


EXHIBIT B
WORK LETTER

1. Proposed and Final Plans.

(a) Tenant shall cause to be prepared and delivered to Landlord, for Landlord's approval, the following proposed drawings ("**Proposed Plans**") for all improvements Tenant desires to complete or have completed in the Premises, as amended by this Amendment (the "**Initial Installations**"):

(i) Architectural drawings (consisting of demolition plans, floor construction plan, ceiling lighting and layout, power, and telephone plan).

(ii) Mechanical drawings (consisting of HVAC, sprinkler, electrical, telephone, and plumbing). Mechanical drawings shall include a tabulation of connected electrical load and an analysis of anticipated electrical demand load.

(iii) Finish schedule (consisting of wall finishes and floor finishes and miscellaneous details).

(b) All architectural drawings shall be prepared at Tenant's sole expense by a licensed architect employed by Tenant and approved by Landlord. Tenant shall deliver two sets of reproducible architectural drawings to Landlord. All mechanical drawings shall be prepared at Tenant's sole expense by a licensed engineer designated by Landlord, whom Tenant shall employ. Tenant shall reimburse Landlord for all reasonable out-of-pocket costs incurred by Landlord in reviewing the Proposed Plans.

(c) Within 10 business days after Landlord's receipt of the architectural drawings, Landlord shall approve or disapprove such drawings, and if disapproved, Landlord shall advise Tenant of any changes or additional information required to obtain Landlord's approval.

(d) Within 10 business days after receipt of mechanical drawings, Landlord shall approve or disapprove such drawings, and if disapproved, Landlord shall advise Tenant of any changes required to obtain Landlord's approval.

(e) If Landlord disapproves of, or requests additional information regarding the Proposed Plans, Tenant shall, within 10 business days thereafter, revise the Proposed Plans disapproved by Landlord and resubmit such plans to Landlord or otherwise provide such additional information to Landlord. Landlord shall, within 10 business days after receipt of Tenant's revised plans, approve or disapprove such drawings, and if disapproved, Landlord shall advise Tenant of any additional changes which may be required to obtain Landlord's approval. If Landlord disapproves the revised plans specifying the reason therefor, or requests further additional information, Tenant shall, within 10 business days of receipt of Landlord's required changes, revise such plans and resubmit them to Landlord or deliver to Landlord such further information as Landlord has requested. Landlord shall, again within 10 business days after receipt of Tenant's revised plans, approve or disapprove such drawings, and if disapproved, Landlord shall advise Tenant of further changes, if any, required for Landlord's approval. This process shall continue until Landlord has approved Tenant's revised Proposed Plans. "Final Plans" shall mean the Proposed Plans, as revised, which have been approved by Landlord and Tenant in writing. Landlord agrees not to withhold or delay its approval unreasonably so long as such Initial Installations (i) are non-structural and do not affect any Building Systems, (ii) affect only the Premises and are not visible from outside of the Premises, (iii) do not affect the certificate of occupancy issued for the Building or the Premises, (iv) do not violate any Requirement, and (v) utilize Building Standard (as hereafter defined) or better quality materials and finishes.

(f) All Proposed Plans and Final Plans shall comply with all applicable Requirements. Neither review nor approval by Landlord of the Proposed Plans and resulting Final Plans shall constitute a representation or warranty by Landlord that such plans either (i) are complete or suitable for their intended purpose, or (ii) comply with applicable Requirements, it being expressly agreed by Tenant that Landlord assumes no responsibility or liability whatsoever to Tenant or to any other person or entity for such completeness, suitability or compliance. Tenant shall not make any changes in the Final Plans without Landlord's prior approval, which shall not be unreasonably withheld or delayed; provided that Landlord may, in the exercise of its sole and absolute discretion, disapprove any proposed changes adversely affecting the Building's structure, Building Systems (including intrabuilding network telephone cable), equipment or the appearance or value of the Building.

(g) Landlord, at Landlord's sole expense, shall substantially complete the following work (the "Base Building Work"):

- Renovate the 19th and 20th floor restrooms with Building standard finishes substantially similar to the restroom located on the 21st Floor;

- Paint the ceiling grid and install Building standard ceiling tiles and lights in the Premises;
- Install new window roller shades in the perimeter windows

Landlord agrees to use reasonable efforts to complete all such Base Building Work in the Premises on or within a reasonable time after the Effective Date, subject to Unavoidable Delay.

2. Performance of the Initial Installations.

(a) **Filing of Final Plans, Permits.** Tenant, at its sole cost and expense, shall file the Final Plans with the Governmental Authorities having jurisdiction over the Initial Installations. Tenant shall furnish Landlord with copies of all documents submitted to all such Governmental Authorities and with the authorizations to commence work and the permits for the Initial Installations issued by such Governmental Authorities. Tenant shall not commence the Initial Installations until the required governmental authorizations for such work are obtained and delivered to Landlord.

(b) **Landlord Approval of Contractors.** No later than 5 days following Landlord’s approval of the Final Plans, Tenant shall enter into a contract for construction of the Initial Installations with a general contractor acceptable to Landlord (the “**General Contractor**”). The General Contractor shall be responsible for all required construction, management and supervision. Tenant shall cause the Initial Installation to be performed in an expeditious manner and shall be substantially completed as soon as reasonably practical. In addition, Tenant shall only utilize for purposes of mechanical, electrical, structural, sprinkler, fire and life safety those contractors as specifically designated by Landlord (collectively, the “**Essential Subs**”), which list of Essential Subs shall include 3 names each for those Essential Subs engaged in mechanical, electrical or structural contracting and 1 Essential Sub for fire alarm and life safety. Tenant shall submit to Landlord not less than 10 days prior to commencement of construction the following information and items:

(i) The names and addresses of the other subcontractors, and subcontractors (collectively, together with the General Contractor and Essential Subs, the “**Tenant’s Contractors**”) Tenant intends to employ in the construction of the Initial Installations. Landlord shall have the right to approve or disapprove Tenant’s Contractors, and Tenant shall employ, as Tenant’s Contractors, only those persons or entities approved by Landlord. All contractors and subcontractors engaged by or on behalf of Tenant for the Premises shall be licensed contractors, possessing good labor relations, capable of performing quality workmanship and working in harmony with Landlord’s contractors and subcontractors and with other contractors and subcontractors on the job site. All work shall be coordinated with any general construction work in the Building.

(ii) The scheduled commencement date of construction, the estimated date of completion of construction work, and fixturing work by Tenant.

(iii) Itemized statement of estimated construction cost, including permits and fees, architectural, engineering, and contracting fees.

(iv) Certified copies of insurance policies or certificates of insurance as hereinafter described. Tenant shall not permit Tenant’s Contractors to commence work until the required insurance has been obtained and certified copies of policies or certificates have been delivered to Landlord.

(c) **Access to Premises.** Tenant, its employees, designers, contractors and workmen have possession of the Premises as of the Effective Date of this Amendment to construct the Initial Installations, provided that Tenant and its employees, agents, contractors, and suppliers engaged in the construction of the Initial Installations shall access the Premises via the Building freight elevator, work in harmony and not interfere with the performance of other work in the Building by Landlord, Landlord’s contractors, other tenants or occupants of the Building (whether or not the terms of their respective leases have commenced) or their contractors. If at any time such entry shall cause, or in Landlord’s reasonable judgment threaten to cause, such disharmony or interference, Landlord shall impose such reasonable conditions upon 24 hours’ notice to Tenant, necessary to resolve such disturbance until it no longer exists.

(d) **Landlord’s Right to Perform.** Landlord shall have the right, but not the obligation, to perform, on behalf of and for the account of Tenant, subject to reimbursement by Tenant, any of the Initial Installations which (i) Landlord reasonably deems necessary to be done on an emergency basis, (ii) pertains to structural components or the general Building systems, or (iii) pertains to the erection of temporary safety barricades or signs during construction. Except in case of emergency, Landlord shall give prior reasonable written notice to Tenant of its intention to perform such work.

(e) **Warranties.** On completion of the Initial Installations, Tenant shall provide Landlord with copies of all warranties of at least one year duration on all the Initial Installations. At Landlord's request, Tenant shall enforce, at Tenant's expense, all guarantees and warranties made and/or furnished to Tenant with respect to the Initial Installations.

(f) **Protection of Building.** All work performed by Tenant shall be performed with a minimum of interference with other tenants and occupants of the Building and shall conform to the Rules and Regulations and those rules and regulations governing construction in the Building as Landlord or Landlord's Agent may impose. Tenant will take all reasonable and customary precautionary steps to protect its facilities and the facilities of others affected by the Initial Installations and to properly police same and Landlord shall have no responsibility for any loss by theft or otherwise. Construction equipment and materials are to be located in confined areas and delivery and loading of equipment and materials shall be done at such reasonable locations and at such time as Landlord shall direct so as not to burden the operation of the Building. Landlord shall advise Tenant in advance of any special delivery and loading dock requirements. Tenant shall at all times keep the Premises and adjacent areas free from accumulations of waste materials or rubbish caused by its suppliers, contractors or workmen. Landlord may require daily clean-up if required for fire prevention and life safety reasons or applicable laws and reserves the right to do clean-up at the expense of Tenant if Tenant fails to comply with Landlord's cleanup requirements. At the completion of the Initial Installations, Tenant's Contractors shall forthwith remove all rubbish and all tools, equipment and surplus materials from and about the Premises and Building. Any damage caused by Tenant's Contractors to any portion of the Building or to any property of Landlord or other tenants shall be repaired forthwith after written notice from Landlord to its condition prior to such damage by Tenant at Tenant's expense.

(g) **Compliance by all Tenant Contractors.** Tenant shall impose and enforce all terms hereof on Tenant's Contractors and its designers, architects and engineers. Landlord shall have the right to order Tenant or any of Tenant's Contractors, designers, architects or engineers who willfully violate the provisions of this Workletter to cease work and remove himself or itself and his or its equipment and employees from the Building.

(h) **Accidents, Notice to Landlord.** Tenant's Contractors shall assume responsibility for the prevention of accidents to its agents and employees and shall take all reasonable safety precautions with respect to the work to be performed and shall comply with all reasonable safety measures initiated by the Landlord and with all applicable Requirements for the safety of persons or property. Tenant shall advise the Tenant's Contractors to report to Landlord any injury to any of its agents or employees and shall furnish Landlord a copy of the accident report filed with its insurance carrier within 3 days of its occurrence.

(i) **Required Insurance.** Tenant shall cause Tenant's Contractors to secure, pay for, and maintain during the performance of the construction of the Initial Installations, insurance in the following minimum coverages and limits of liability:

(i) Workmen's Compensation and Employer's Liability Insurance as required by Requirements.

(ii) Commercial General Liability Insurance (including Owner's and Contractors' Protective Liability) in an amount not less than \$2,000,000 per occurrence, whether involving bodily injury liability (or death resulting therefrom) or property damage liability or a combination thereof with a minimum aggregate limit of \$2,000,000, and with umbrella coverage with limits not less than \$10,000,000 (with respect to the General Contractor and \$2,000,000 for the other Tenant Contractors). Such insurance shall provide for explosion and collapse, completed operations coverage with a two-year extension after completion of the work, and broad form blanket contractual liability coverage and shall insure Tenant's Contractors against any and all claims for bodily injury, including death resulting therefrom and damage to the property of others and arising from its operations under the contracts whether such operations are performed by Tenant's Contractors, or by anyone directly or indirectly employed by any of them.

(iii) Business Automobile Liability Insurance, including the ownership, maintenance, and operation of any automotive equipment, owned, hired, or non-owned in an amount not less than \$500,000 for each person in one accident, and \$1,000,000 for injuries sustained by two or more persons in any one accident and property damage liability in an amount not less than \$1,000,000 for each accident. Such insurance shall insure Tenant's Contractors against any and all claims for bodily injury, including death resulting therefrom, and damage to the property of others arising from its operations under the contracts, whether such operations are performed by Tenant's Contractors, or by anyone directly or indirectly employed by any of them.

(iv) "All-risk" builder's risk insurance upon the entire Initial Installations to the full insurance value thereof. Such insurance shall include the interest of Landlord and Tenant (and their respective contractors and subcontractors of any tier to the extent of any insurable interest therein) in the Initial Installations and shall insure against the perils of fire and extended coverage and shall include "all-risk" builder's risk insurance for physical loss or damage including, without duplication of coverage, theft, vandalism, and malicious mischief. If portions of the Initial Installations are stored off the site of the Building or in transit to such site are not covered under such "all-risk" builder's risk insurance, then Tenant shall effect and maintain similar property insurance on such portions of the Initial Installations. Any loss insured under such "all-risk" builder's risk insurance is to be adjusted with Landlord and Tenant and made payable to Landlord as trustee for the insureds, as their interest may appear, subject to the agreement reached by

such parties in interest, or in the absence of any such agreement, then in accordance with a final, nonappealable order of a court of competent jurisdiction. If after such loss no other special agreement is made, the decision to replace or not replace any such damaged the Initial Installations shall be made in accordance with the terms and provisions of the Lease including, this Workletter. The waiver of subrogation provisions contained in the Lease shall apply to the "all-risk" builder's risk insurance policy to be obtained by Tenant pursuant to this paragraph (iv).

All policies (except the Workmen's Compensation policy) shall be endorsed to include as additional named insureds Landlord and its officers, employees, and agents, Landlord's contractors, Landlord's architect, Tishman Speyer Properties, L.P., any Mortgagees and Superior Lessors and such additional persons as Landlord may designate. Such endorsements shall also provide that all additional insured parties shall be given 30 days' prior written notice of any reduction, cancellation, or nonrenewal of coverage by certified mail, return receipt requested (except that 10 days' notice shall be sufficient in the case of cancellation for nonpayment of premium) and shall provide that the insurance coverage afforded to the additional insured parties thereunder shall be primary to any insurance carried independently by such additional insured parties. At Tenant's request, Landlord shall furnish a list of names and addresses of parties to be named as additional insureds. The insurance policies required hereunder shall be considered as the primary insurance and shall not call into contribution any insurance then maintained by Landlord. Additionally, where applicable, such policy shall contain a cross liability and severability of interest clause.

To the fullest extent permitted by law, Tenant (and Tenant's Contractors) shall indemnify and hold harmless the Indemnitees from and against all Losses necessitated by activities of the indemnifying party's contractors, bodily injury to persons or damage to property of the Indemnitees arising out of or resulting from the performance of work by the indemnifying party or its contractors. The foregoing indemnity shall be in addition to the insurance requirements set forth above and shall not be in discharge or substitution of the same, and shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for Tenant's Contractors under Workers' or Workmen's Compensation Acts, Disability Benefit Acts or other Employee Benefit Acts.

(j) **Quality of Work.** The Initial Installations shall be constructed in a first-class workmanlike manner using only good grades of material and in compliance with the Final Plans, all insurance requirements, applicable laws and ordinances and rules and regulations of governmental departments or agencies and the rules and regulations adopted by Landlord for the Building. The quality of the Initial Installation shall be equal to or of greater quality than those Building Standard Materials and Finishes; provided that Landlord shall have the right to require that Tenant not deviate from certain of the Building Standards. If Tenant requests that it not be required to install a Building Standard suspended ceiling in all or any portion of the Premises, and in lieu thereof employ an "open" ceiling, Landlord reserves the right to require that Tenant install a Building Standard ceiling upon the expiration or earlier termination of the Term.

(k) **"As-Built" Plans.** Upon completion of the Initial Installations, Tenant shall furnish Landlord with "as built" plans and air balance reports for the Premises, final waivers of lien for the Initial Installations, a detailed breakdown of the costs of the Initial Installations (which may be in the form of an owner's affidavit) and evidence of payment reasonably satisfactory to Landlord, and an occupancy permit for the Premises. The "as-built" plans shall be prepared on an AutoCAD Computer Assisted Drafting and Design System (or such other system or medium as Landlord may accept), using naming conventions issued by the American Institute of Architects in June, 1990 (or such other naming conventions as Landlord may accept) and magnetic computer media of such record drawings and specifications translated in DFX format or another format acceptable to Landlord.

(l) **Mechanics' Liens.** Tenant shall not permit any of the Tenant's Contractors to place any lien upon the Building, and if any such lien is placed upon the Building, Tenant shall within 10 days of notice thereof, cause such lien to be discharged of record, by bonding or otherwise. If Tenant shall fail to cause any such lien to be discharged, Landlord shall have the right to have such lien discharged and Landlord's expense in so doing, including bond premiums, reasonable legal fees and filing fees, shall be immediately due and payable by Tenant.

(m) **Permissible Improvements.** In connection with Tenant's construction of the Initial Installations, Tenant may also, at its sole cost and expense, perform the work more particularly described on Schedule 1 attached hereto (the "Permissible Improvements").

3. **Payment of Costs of the Initial Installations.**

(a) Subject to Landlord's Contribution as provided in Paragraph 3(b) below, the Initial Installations shall be installed by Tenant at Tenant's sole cost and expense. The cost of the Initial Installations shall include, and Tenant agrees to pay Landlord for, the following costs ("**Landlord's Costs**"): (i) the cost of all work performed by Landlord on behalf of Tenant and for all materials and labor furnished on Tenant's behalf, (ii) the cost of any services provided to Tenant or Tenant's Contractors including but not limited to the cost for rubbish removal, hoisting, and utilities to the extent not included in general conditions charges by the general contractor, and (iii) a supervision fee equal to two and one half percent (2.5%) of the Landlord's Contribution, excluding the costs of

preparing of Proposed Plans and Final Plans and any "soft costs" as defined below. Landlord may render bills to Tenant monthly for Landlord's Costs (provided that the supervision fee shall be billed based on the cost of the Initial Installations performed during the period in question). All bills shall be due and payable no later than the 15th day after delivery of such bills to Tenant.

(b) Landlord shall pay to Tenant an amount not to exceed Landlord's Contribution toward the cost of the Initial Installations, provided as of the date on which Landlord is required to make payment thereof, (i) the Lease is in full force and effect, and (ii) no Event of Default then exists. Tenant shall pay all costs of the Initial Installations in excess of Landlord's Contribution. Landlord's Contribution shall be payable solely on account of labor directly related to the Initial Installations and materials delivered to the Premises in connection with the Initial Installations, except that Tenant may apply up to 15% of Landlord's Contribution to pay "soft costs", consisting of architectural, consulting, engineering, permitting and legal fees, incurred in connection with the Initial Installations. Upon the completion of the Initial Installations and satisfaction of the conditions set forth below, or upon the occurrence of the date which is twelve (12) months after the Extension Date, whichever first occurs, any amount of Landlord's Contribution which has not been previously disbursed shall be credited by Landlord against Rent payable by Tenant under the Lease pursuant to Section 6 herein.

(c) Landlord shall pay Landlord's Contribution to Tenant following the final completion of the Initial Installations, within 30 days after submission by Tenant to Landlord of a written requisition therefor, signed by the chief financial officer of Tenant and accompanied by (i) copies of paid invoices covering all of the Initial Installations, (ii) a written certification from Tenant's architect stating that the Initial Installations described on such invoices have been completed in accordance with the Final Plans, that such work has been paid in full by Tenant and that all contractors, subcontractors and material suppliers have delivered to Tenant final, unconditional waivers and releases of lien in the form prescribed by the Requirements with respect to such work (copies of which shall be included with such architect's certification), (iii) proof of the satisfactory completion of all required inspections and the issuance of any required approvals and sign-offs by Governmental Authorities with respect thereto, (iv) final "as-built" plans and specifications for the Initial Installations as required pursuant to Section 2(k), and (v) such other documents and information as Landlord may reasonably request.

(d) If Tenant elects to perform the Initial Installation in two or more stages, then the amount of Landlord's Contribution to be made available to Tenant in connection with each such stage (and subject to the limitations as set forth in Section 3(b), shall be in an amount equal to the product of (i) Landlord's Contribution, and (ii) a fraction, the numerator of which is the rentable square footage of the portion of the Premises Tenant elects to so improve during such stage of construction and the denominator of which is the rentable square footage of the entire Premises.

4. Miscellaneous.

(a) All defined terms as used herein shall have the meanings ascribed to them in the Lease.

(b) Tenant agrees that, in connection with the Initial Installations and its use of the Premises prior to the commencement of the Extended Term of the Lease, Tenant shall have those duties and obligations with respect thereto that it has pursuant to the Lease during the Term, and further agrees that Landlord shall not be liable in any way for injury, loss, or damage which may occur to any of the Initial Installations or installations made in the Premises, or to any personal property placed therein, the same being at Tenant's sole risk.

(c) Except as expressly set forth herein, Landlord has no other agreement with Tenant and Landlord has no other obligation to do any other work or pay any amounts with respect to the Premises. Any other work in the Premises which may be permitted by Landlord pursuant to the terms and conditions of the Lease shall be done at Tenant's sole cost and expense and in accordance with the terms and conditions of the Lease.

(d) This Workletter shall not be deemed applicable to any additional space added to the original Premises at any time or from time to time, whether by any options under the Lease or otherwise, or to any portion of the original Premises or any additions thereto in the event of a renewal or extension of the initial term of the Lease, whether by any options under the Lease or otherwise, unless expressly so provided in the Lease or any amendment or supplement thereto.

(e) The failure by Tenant to pay any monies due Landlord pursuant to this Workletter within the time period herein stated shall be deemed a default under the terms of the Lease for which Landlord shall be entitled to exercise all remedies available to Landlord for nonpayment of Rent. All late payments shall bear interest pursuant to Section 15.6 of the Lease.

Schedule 1

Permissible Improvements

Tenant shall consult with the Building's mechanical engineer to develop a strategy for adequately cooling the Premises, as amended hereby. The cost to implement the Building mechanical engineer's strategy shall be borne by Tenant and may be deducted from the Landlord's Contribution. Subject to Landlord's approval of the Contractors and scope of work, Tenant shall have the right to relocate supplemental cooling units purchased and installed by Tenant on the 18th and 21st floors to the Premises, the costs of which such removal shall be borne by Tenant and may be deducted from the Landlord's Contribution.

Physical improvements to the Premises and related soft costs (including actual, reasonable third party hard and soft costs, and permit fees to move the existing data room on the 18th floor and to build and install a data room(s) on the 19th and/or 20th floor) which will be borne by the Tenant and may be deducted from the Landlord's Contribution.

Exhibit C
Form of Letter of Credit

Contact Phones: _____

IRREVOCABLE LETTER OF CREDIT

_____, 20__

Beneficiary:

Attention: _____

Our irrevocable standby Letter of Credit:
No. _____

Applicant:

Attention: _____

Amount: Exactly USD \$ _____
(_____ Dollars)

Final Date of Expiration: _____ **[INSERT DATE
WHICH IS ONE HUNDRED TWENTY (120) DAYS
AFTER LEASE EXPIRATION DATE]**

We (the "Bank") hereby issue our irrevocable standby Letter of Credit No. _____ in Beneficiary's favor for the account of the above-referenced Applicant, in the aggregate amount of exactly USD \$ _____.

This Letter of Credit is available with us at our above office by presentation of your draft drawn on us at sight bearing the clause: "Drawn under _____ **U.S. Bank National Association** Letter of Credit No. _____" and accompanied by the original of this Letter of Credit. Such sight draft may be signed by Beneficiary or Beneficiary's managing agent.

Special conditions:

Partial draws, as well as multiple presentations and drawings, under this Letter of Credit are permitted. Notwithstanding anything to the contrary contained herein, this Letter of Credit shall expire permanently without renewal on _____ **[INSERT DATE WHICH IS ONE HUNDRED TWENTY (120) DAYS AFTER LEASE EXPIRATION DATE]**.

This Letter of Credit shall be automatically extended for an additional period of one (1) year, without amendment, from the present or each future expiration date but in any event not beyond _____ **[INSERT DATE WHICH IS ONE HUNDRED TWENTY (120) DAYS AFTER LEASE EXPIRATION DATE]** which shall be the final expiration date of this Letter of Credit, unless, at least sixty (60) days prior to the then current expiration date, we notify you by registered mail/overnight courier service at the above address that this Letter of Credit will not be extended beyond the current expiration date.

We hereby agree with you that all drafts drawn under and in compliance with the terms of this Letter of Credit will be duly honored upon presentation to us on or before the expiration date of this Letter of Credit, regardless of whether Applicant disputes such presentation.

This Credit is transferable upon the terms set forth herein. We hereby agree to transfer this Credit upon presentation to us of the original Credit (and any amendments hereto) and the Beneficiary's written request for transfer in the form of Exhibit A attached hereto and incorporated by reference. Beneficiary may, at any time and without notice to Applicant and without first obtaining Applicant's consent thereto, transfer all or any portion of Beneficiary's interest in and to the Letter of Credit to another party, person or entity, regardless of whether or not such transfer is separate from or as a part of the assignment by Beneficiary of Beneficiary's rights and interests in and to that certain lease agreement dated _____, by and between _____, as landlord, and _____.

as tenant, for premises located at _____, _____, Washington. The original of this Letter of Credit together with any amendments thereto must accompany any such transfer request.

Except so far as otherwise expressly stated, this Documentary Credit is subject to Uniform Customs and Practice for Documentary Credits, 2007 Revision, International Chamber Of Commerce Publication No. 600.

By:
Authorized signature

Please direct any correspondence including drawing or inquiry quoting our reference number to the above referenced address.

We shall not be liable for any delay, non-return of documents, non-payment, or other action or inaction compelled by a judicial order or by any law or regulation applicable to us.

U.S. BANK NATIONAL ASSOCIATION

DRAFT

Authorized Signature

Authorized Signature, Applicant
as authorization to issue in this form

TRANSFER OF LETTER OF CREDIT IN ITS ENTIRETY

EXHIBIT A TO STANDBY LETTER OF CREDIT NO. XXXXXXXXX

TO: U.S. BANK NATIONAL ASSOCIATION
800 Nicollet Mall, BC-MN-H20G
Minneapolis, Minnesota 55402
612-303-7321 / 612-303-7395

FROM:

Re: Letter of Credit No. _____ Issued by: U.S. Bank National Association

We, the undersigned beneficiary, hereby authorize and direct you to transfer irrevocably the referenced letter of credit in its entirety

To: _____
Whose Address is: _____

(Herein called the "transferee") with no changes in terms and conditions of the Letter of Credit.

We are returning the original instrument, including original amendments, if any, to you herewith in order that you may deliver it to the transferee together with your customary Letter of Transfer.

Any amendments to the Letter of Credit that you may issue or receive are to be advised by you directly to the transferee, and the documents (including drafts if required under the Credit) of the transferee are to be processed by you (or any intermediary) without our intervention and without any further responsibility on your part to us.

Issuer disclaims liability for any delay, non-return of documents, non-payment, or other action or inaction compelled by a judicial order or government regulation applicable to Issuer.

**The signature of the beneficiary with title as stated conforms with that on file with us and is authorized for the execution of such instruction.

	_____		_____
	(Name of Bank)		(Name of Beneficiary)
	_____	By:	_____
	(Address of Bank)		(Authorized Signature)
By:	_____		_____
	(Authorized Signature)		(Title)
	_____		_____
	(Title)		(Telephone Number)
	_____	Date:	_____
	(Telephone Number)		
Date:	_____		

**CERTIFICATION PURSUANT TO RULES 13a-14(a) AND 15d-14(a),
AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

Principal Executive Officer

I, Ethan Caldwell, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Marchex, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 4, 2017

By: _____ /s/ Ethan Caldwell
Ethan Caldwell
Chief Administrative Officer, General Counsel and Corporate Secretary
and member of the office of the CEO and designated Principal Executive
Officer for SEC reporting purposes
(Principal Executive Officer)

**CERTIFICATION PURSUANT TO RULES 13a-14(a) AND 15d-14(a),
AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

Principal Financial Officer

I, Michael A. Arends, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Marchex, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 4, 2017

By: _____ /s/ Michael A. Arends
Michael A. Arends
Chief Financial Officer and member of the office of CEO
(Principal Financial Officer)

**CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICER AND PRINCIPAL FINANCIAL OFFICER
PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE
SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report on Form 10-Q of Marchex, Inc. (the "Company") for the quarter ended June 30, 2017 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), Ethan Caldwell, as Chief Administrative Officer, General Counsel and Corporate Secretary of the Company, and Michael A. Arends, as Chief Financial Officer of the Company, each hereby certifies, pursuant to 18 U.S.C. § 1350, as adopted pursuant to §906 of the Sarbanes-Oxley Act of 2002, to the best of his knowledge, respectively, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: August 4, 2017

By: _____ /s/ Ethan Caldwell
Name: **Ethan Caldwell**
Title: **Chief Administrative Officer, General Counsel and Corporate Secretary and member of the office of the CEO and designated Principal Executive Officer for SEC reporting purposes (Principal Executive Officer)**

Date: August 4, 2017

By: _____ /s/ Michael A. Arends
Name: **Michael A. Arends**
Title: **Chief Financial Officer and member of the office of the CEO (Principal Financial Officer)**