

COMMUNICATIONS SYSTEMS INC

Form 10-Q

November 04, 2016

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 September 30, 2016

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: 001-31588

COMMUNICATIONS SYSTEMS, INC.

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(Exact name of registrant as specified in its charter)

MINNESOTA
(State or other jurisdiction of
incorporation or organization)

41-0957999
(Federal Employer
Identification No.)

10900 Red Circle Drive, Minnetonka, MN 55343
(Address of principal executive offices) (Zip Code)

(952) 996-1674

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 a check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company (as defined by Rule 12b-2 of the Exchange Act).

Large Accelerated Filer Accelerated Filer Non-Accelerated Filer Smaller Reporting Company

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

APPLICABLE ONLY TO CORPORATE ISSUERS:

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

Class	Name of Exchange On Which Registered	Outstanding at November 1, 2016
Common Stock, par value \$.05 per share	NASDAQ	8,862,408

COMMUNICATIONS SYSTEMS, INC. AND SUBSIDIARIES

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COMMUNICATIONS SYSTEMS, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATED BALANCE SHEETS

(Unaudited)

ASSETS

	September 30 2016	December 31 2015
CURRENT ASSETS:		
Cash and cash equivalents	\$3,233,390	\$9,812,737
Investments	8,815,960	5,228,668
Trade accounts receivable, less allowance for doubtful accounts of \$46,000 and \$123,000, respectively	16,372,514	17,849,207
Inventories	24,560,477	24,985,560
Prepaid income taxes	3,113,837	2,972,271
Other current assets	1,166,929	1,041,303
TOTAL CURRENT ASSETS	57,263,107	61,889,746
 PROPERTY, PLANT AND EQUIPMENT, net	 16,294,720	 17,468,420
OTHER ASSETS:		
Investments	727,764	6,293,505
Goodwill	1,462,503	1,462,503
Other assets	723,421	802,056
TOTAL OTHER ASSETS	2,913,688	8,558,064
TOTAL ASSETS	\$76,471,515	\$87,916,230
LIABILITIES AND STOCKHOLDERS' EQUITY		
CURRENT LIABILITIES:		
Current portion of long-term debt	\$—	\$103,603
Accounts payable	6,998,059	8,373,292
Accrued compensation and benefits	2,786,226	3,050,822
Accrued consideration	6,918	442,234
Other accrued liabilities	2,324,617	1,996,609
Dividends payable	413,966	1,474,892
TOTAL CURRENT LIABILITIES	12,529,786	15,441,452
LONG TERM LIABILITIES:		
Long-term compensation plans	14,968	—
Uncertain tax positions	116,280	102,633
Deferred income taxes	50,371	61,453
Pension liabilities	—	126,001
TOTAL LONG-TERM LIABILITIES	181,619	290,087
COMMITMENTS AND CONTINGENCIES (Footnote 8)		
STOCKHOLDERS' EQUITY		
Preferred stock, par value \$1.00 per share; 3,000,000 shares authorized; none issued		
Common stock, par value \$.05 per share; 30,000,000 shares authorized; 8,862,408 and 8,754,550 shares issued and outstanding, respectively	443,120	437,727
Additional paid-in capital	41,134,822	40,129,285
Retained earnings	22,792,222	32,284,061

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Accumulated other comprehensive loss	(610,054)	(666,382)
TOTAL STOCKHOLDERS' EQUITY	63,760,110	72,184,691
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$76,471,515	\$87,916,230

The accompanying notes are an integral part of the condensed consolidated financial statements.

COMMUNICATIONS SYSTEMS, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATED STATEMENTS OF (LOSS) INCOME AND COMPREHENSIVE (LOSS)
 INCOME
 (Unaudited)

	Three Months Ended September 30		Nine Months Ended September 30	
	2016	2015	2016	2015
Sales	\$25,616,640	\$32,246,166	\$76,594,526	\$79,988,763
Costs and expenses:				
Cost of sales	18,926,042	21,822,331	55,759,167	56,139,121
Selling, general and administrative expenses	7,866,009	9,992,444	27,550,271	30,827,158
Pension liability adjustment gains	—	—	(4,147,836)	—
Total costs and expenses	26,792,051	31,814,775	79,161,602	86,966,279
Operating (loss) income	(1,175,411)	431,391	(2,567,076)	(6,977,516)
Other income (expenses):				
Investment and other income	19,259	105,700	119,395	172,555
(Loss) Gain on sale of assets	(60,088)	5,035	748,234	9,408
Interest and other expense	(44,228)	(27,828)	(94,375)	(102,090)
Foreign currency translation loss	—	—	(4,238,497)	—
Other (expense) income, net	(85,057)	82,907	(3,465,243)	79,873
Loss from operations before income taxes	(1,260,468)	514,298	(6,032,319)	(6,897,643)
Income tax expense (benefit)	3,301	(769,656)	242,617	(2,989,951)
Net (loss) income	(1,263,769)	1,283,954	(6,274,936)	(3,907,692)
Other comprehensive income (loss), net of tax:				
Additional minimum pension liability adjustments	—	(11,985)	(4,147,836)	(38,783)
Unrealized gain on available-for-sale securities	(2,729)	(1,010)	35,575	48,916
Foreign currency translation adjustment	15,465	(130,569)	4,168,590	(156,776)
Total other comprehensive income (loss)	12,736	(143,564)	56,329	(146,643)
Comprehensive (loss) income	\$(1,251,033)	\$1,140,390	\$(6,218,607)	\$(4,054,335)
Basic net (loss) income per share:	\$(0.14)	\$0.15	\$(0.71)	\$(0.45)
Diluted net (loss) income per share:	\$(0.14)	\$0.15	\$(0.71)	\$(0.45)
Weighted Average Basic Shares Outstanding	8,849,236	8,707,564	8,816,042	8,692,154
Weighted Average Dilutive Shares Outstanding	8,849,236	8,743,179	8,816,042	8,692,154
Dividends declared per share	\$0.04	\$0.16	\$0.36	\$0.48

The accompanying notes are an integral part of the condensed consolidated financial statements.

COMMUNICATIONS SYSTEMS, INC. AND SUBSIDIARIES

CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN STOCKHOLDERS' EQUITY

(Unaudited)

	Common Stock Shares	Common Stock Amount	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total
BALANCE AT DECEMBER 31, 2015	8,754,550	\$437,727	\$40,129,285	\$32,284,061	\$ (666,382)	\$72,184,691
Net loss				(6,274,936)		(6,274,936)
Issuance of common stock under Employee Stock Purchase Plan	15,671	783	115,157			115,940
Issuance of common stock to Employee Stock Ownership Plan	60,278	3,014	465,346			468,360
Issuance of common stock under Executive Stock Plan	35,570	1,779	0			1,779
Tax benefit from stock based payments			(63,304)			(63,304)
Share based compensation			505,306			505,306
Purchase of common stock	(3,661)	(183)	(16,968)	(8,377)		(25,528)
Shareholder dividends				(3,208,526)		(3,208,526)
Other comprehensive income					56,328	56,328
BALANCE AT SEPTEMBER 30, 2016	8,862,408	\$443,120	\$41,134,822	\$22,792,222	\$ (610,054)	\$63,760,110

The accompanying notes are an integral part of the condensed consolidated financial statements.

COMMUNICATIONS SYSTEMS, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)

	Nine Months Ended September 30	
	2016	2015
CASH FLOWS FROM OPERATING ACTIVITIES:		
Net loss	\$(6,274,936)	\$(3,907,692)
Adjustments to reconcile net loss to net cash provided by operating activities:		
Depreciation and amortization	2,754,189	2,476,244
Share based compensation	505,306	701,204
Deferred taxes	(11,083)	(311,424)
Change in fair value of acquisition-related contingent consideration	(135,316)	(28,574)
Gain on sale of assets	(748,234)	(9,408)
Excess tax benefit from share-based payments	63,304	(87,842)
Changes in assets and liabilities:		
Trade receivables	1,443,908	(9,155,151)
Inventories	352,653	5,177,573
Prepaid income taxes	(141,566)	(1,465,114)
Other assets	(148,010)	(1,363,057)
Accounts payable	(1,188,066)	1,865,964
Accrued compensation and benefits	224,713	130,096
Other accrued liabilities	352,789	(27,998)
Income taxes payable	(49,657)	146,493
Other	58,001	(58,295)
Net cash used in operating activities	(2,942,005)	(5,916,981)
CASH FLOWS FROM INVESTING ACTIVITIES:		
Capital expenditures	(1,889,283)	(1,782,717)
Acquisition of business, net of cash acquired	—	(917,363)
Proceeds from the sale of fixed assets	972,595	56,471
Proceeds from the sale of investments	2,014,023	3,449,207
Net cash provided by investing activities	1,097,335	805,598
CASH FLOWS FROM FINANCING ACTIVITIES:		
Borrowings on line of credit	4,894,046	3,900,000
Payments against line of credit	(4,894,046)	—
Cash dividends paid	(4,269,451)	(4,220,716)
Mortgage principal payments	(103,603)	(389,799)
Proceeds from issuance of common stock, net of shares withheld	92,191	92,607
Excess tax benefit from share-based payments	(63,304)	87,842
Payment of deferred consideration related to acquisition	(300,000)	—
Net cash used in financing activities	(4,644,167)	(530,066)
EFFECT OF FOREIGN EXCHANGE RATE CHANGES ON CASH	(90,510)	(67,767)
NET DECREASE IN CASH AND CASH EQUIVALENTS	(6,579,347)	(5,709,216)
CASH AND CASH EQUIVALENTS AT BEGINNING OF PERIOD	9,812,737	13,736,857
CASH AND CASH EQUIVALENTS AT END OF PERIOD	\$3,233,390	\$8,027,641
SUPPLEMENTAL DISCLOSURES OF CASH FLOW INFORMATION:		

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Income taxes paid (refunded)	\$443,106	\$(1,447,021)
Interest paid	43,630	34,503
Dividends declared not paid	413,966	1,464,332
Capital expenditures in accounts payable	57,181	91,808
Acquisition costs in accrued consideration	6,918	434,286

The accompanying notes are an integral part of the condensed consolidated financial statements.

COMMUNICATIONS SYSTEMS, INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

(Unaudited)

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Description of Business

Communications Systems, Inc. (herein collectively called “CSI” or the “Company”) is a Minnesota corporation organized in 1969 that operates primarily as a holding company conducting its business through four business units having operations in the United States, Costa Rica, and the United Kingdom. Through its Suttle business unit, the Company manufactures and sells copper and fiber connectivity systems, enclosure systems, and active technologies for voice, data and video communications. Through its Transition Networks business unit, the Company manufactures and sells media converters, network interface devices, network interface cards, Ethernet switches and other connectivity products that offer the ability to affordably integrate the benefits of fiber optics into any data network. Through its JDL Technologies business unit, the Company provides technology solutions including virtualization, managed services, wired and wireless network design and implementation, HIPAA-compliant IT services, and converged infrastructure configuration and deployment. Through its Net2Edge business unit, the Company enables telecommunications carriers to connect legacy networks to high-speed services.

Financial Statement Presentation

The condensed consolidated balance sheets and condensed consolidated statement of changes in stockholders’ equity as of September 30, 2016 and the related condensed consolidated statements of (loss) income and comprehensive (loss) income, and the condensed consolidated statements of cash flows for the periods ended September 30, 2016 and 2015 have been prepared by Company management. In the opinion of management, all adjustments (which include only normal recurring adjustments, except where noted) necessary to present fairly the financial position, results of operations, and cash flows at September 30, 2016 and 2015 and for the periods then ended have been made.

Certain information and footnote disclosures normally included in consolidated financial statements prepared in accordance with generally accepted accounting principles in the United States of America have been condensed or omitted. We recommend these condensed consolidated financial statements be read in conjunction with the financial statements and notes thereto included in the Company’s December 31, 2015 Annual Report to Shareholders on Form

10-K. The results of operations for the period ended September 30, 2016 are not necessarily indicative of operating results for the entire year.

The presentation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, and disclosure of contingent assets and liabilities at the balance sheet date, and the reported amounts of revenues and expenses during the reporting period. The estimates and assumptions used in the accompanying condensed consolidated financial statements are based upon management's evaluation of the relevant facts and circumstances as of the time of the financial statements. Actual results could differ from those estimates.

Except to the extent updated or described below, the significant accounting policies set forth in Note 1 to the consolidated financial statements in the Company's Annual Report on Form 10-K for the year ended December 31, 2015, appropriately represent, in all material respects, the current status of accounting policies, and are incorporated herein by reference.

Accumulated Other Comprehensive Loss

The components of accumulated other comprehensive loss, net of tax, are as follows:

	Foreign Currency Translation	Unrealized (loss)/gain on securities	Pension liability adjustment	Accumulated Other Comprehensive Loss
December 31, 2015	\$ (4,801,000)	\$ (13,000)	\$ 4,148,000	\$ (666,000)
Net current period change	(70,000)	36,000		(34,000)
Reclassification adjustments into income	4,238,000		(4,148,000)	90,000
September 30, 2016	\$ (633,000)	\$ 23,000	\$—	\$ (610,000)

The Company recognized \$4,238,000 in foreign currency translation losses within the income statement during the first quarter due to the substantial liquidation of our Austin Taylor facility in the U.K. Refer to Note 12 for further information regarding the pension liability adjustment recognized in income in the first quarter of 2016.

NOTE 2 – CASH EQUIVALENTS AND INVESTMENTS

The following tables show the Company's cash equivalents and available-for-sale securities' amortized cost, gross unrealized gains, gross unrealized losses and fair value by significant investment category recorded as cash and cash equivalents or short and long term investments as of September 30, 2016 and December 31, 2015:

September 30, 2016

	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Cash Equivalents	Short-Term Investments	Long-Term Investments
Cash equivalents:							
Money Market funds	\$98,000	\$ —	\$ —	\$98,000	\$ 98,000	\$ —	\$ —
Subtotal	98,000	—	—	98,000	98,000	—	—
Investments:							
	5,011,000	10,000	(1,000)	5,020,000	—	4,292,000	728,000

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Certificates of
deposit

Corporate
Notes/Bonds

Subtotal

Total

4,524,000	1,000	(1,000)	4,524,000	—	4,524,000	—
9,535,000	11,000	(2,000)	9,544,000	—	8,816,000	728,000
\$9,633,000	\$ 11,000	\$ (2,000)	\$9,642,000	\$ 98,000	\$ 8,816,000	\$ 728,000

December 31, 2015

	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Cash Equivalents	Short-Term Investments	Long-Term Investments
Cash equivalents:							
Money Market funds	\$1,944,000	\$ —	\$ —	\$1,944,000	\$1,944,000	\$	\$
Subtotal	1,944,000	—	—	1,944,000	1,944,000	—	—
Investments:							
Certificates of deposit	5,493,000	3,000	(8,000)	5,488,000	—	1,202,000	4,286,000
Corporate Notes/Bonds	6,056,000	—	(22,000)	6,034,000	—	4,027,000	2,007,000
Subtotal	11,549,000	3,000	(30,000)	11,522,000	—	5,229,000	6,293,000
Total	\$13,493,000	\$ 3,000	\$ (30,000)	\$13,466,000	\$1,944,000	\$5,229,000	\$6,293,000

The Company tests for other-than-temporary losses on a quarterly basis and has considered the unrealized losses shown above to be temporary in nature. The Company intends to hold these investments until it can recover the full principal amount and has the ability to do so based on its other sources of liquidity. The Company expects these recoveries to occur prior to the contractual maturities. All unrealized losses as of September 30, 2016 were in a continuous unrealized loss position for less than twelve months and are not deemed to be other than temporarily impaired as of September 30, 2016.

The following table summarizes the estimated fair value of our investments, designated as available-for-sale and classified by the contractual maturity date of the securities as of September 30, 2016:

	Amortized Cost	Estimated Market Value
Due within one year	\$8,810,000	\$8,816,000
Due after one year through five years	725,000	728,000
	\$9,535,000	\$9,544,000

The Company did not recognize any gross realized gains, and gross realized losses were immaterial, during the three-month periods ending September 30, 2016 and 2015, respectively. If the Company had realized gains or losses, they would be included within investment and other income in the accompanying consolidated results of operations.

NOTE 3 - STOCK-BASED COMPENSATION

Employee Stock Purchase Plan

Under the Company's Employee Stock Purchase Plan ("ESPP"), employees are able to acquire shares of common stock at 85% of the price at the end of each current quarterly plan term. The most recent term ended September 30, 2016. The ESPP is considered compensatory under current Internal Revenue Service rules. At September 30, 2016, after giving effect to the shares issued as of that date, 85,569 shares remain available for purchase under the ESPP.

2011 Executive Incentive Compensation Plan

On March 28, 2011 the Board adopted and on May 19, 2011 the Company's shareholders approved the Company's 2011 Executive Incentive Compensation Plan ("2011 Incentive Plan"). The 2011 Incentive Plan authorizes incentive awards to officers, key employees and non-employee directors in the form of options (incentive and non-qualified), stock appreciation rights, restricted stock, restricted stock units, performance stock units ("deferred stock"), performance cash units, and other awards in stock, cash, or a combination of stock and cash. The 2011 Incentive Plan, as amended, allows the issuance of up to 2,000,000 shares of common stock.

During 2016, stock options covering 325,968 shares have been awarded to key executive employees and directors. These options expire seven years from the date of award and vest 25% each year beginning one year after the date of award. The Company also granted deferred stock awards of 102,161 shares to key employees during the first quarter of 2016 under the Company's long-term incentive plan for performance over the 2016 to 2018 period. The actual number of shares of deferred stock, if any, that are ultimately earned by the respective employees will be determined based on achievement against performance goals at the end of the three year period ending December 31, 2018 and any shares earned will be issued in the first quarter of 2019 to those key employees still with the Company at that time.

At September 30, 2016, 131,035 shares have been issued under the 2011 Incentive Plan, 1,121,153 shares are subject to currently outstanding options, deferred stock awards, and unvested restricted stock units, and 747,812 shares are eligible for grant under future awards.

Stock Option Plan for Directors

Shares of common stock are reserved for issuance to non-employee directors under options granted by the Company prior to 2011 under its Stock Option Plan for Non-Employee Directors (the “Director Plan”). Under the Director Plan nonqualified stock options to acquire shares of common stock were automatically granted to each non-employee director concurrent with annual meetings of shareholders in 2010 and earlier years, with the exercise price of options granted being the fair market value of the common stock on the date of the respective shareholder meetings. Options granted under the Director Plan expire 10 years from date of grant. No options were granted under the Director Plan in 2014 or 2015. The Company amended the Director Plan in May 2011 to prohibit future option grants. As of September 30, 2016, there were 63,000 shares subject to outstanding options under the Director Plan.

1992 Stock Plan

Under the Company’s 1992 Stock Plan (“the Stock Plan”), shares of common stock may be issued pursuant to stock options, restricted stock or deferred stock grants to officers and key employees. Exercise prices of stock options under the Stock Plan cannot be less than fair market value of the stock on the date of grant. Rules and conditions governing awards of stock options, restricted stock and deferred stock are determined by the Compensation Committee of the Board of Directors, subject to limitations in the Stock Plan. The Company amended the Stock Plan in 2011 to prohibit future stock options or other equity awards.

At September 30, 2016, after reserving for stock options and deferred stock awards granted in prior years and adjusting for forfeitures and issuances during the year, there were 10,230 shares reserved for issuance under the Stock Plan. The Company has not awarded stock options or deferred stock under the Stock Plan since 2011.

Changes in Stock Options Outstanding

The following table summarizes changes in the number of outstanding stock options under the 2011 Incentive Plan, the Director Plan and Stock Plan over the period December 31, 2015 to September 30, 2016:

	Options	Weighted average exercise price per share	Weighted average remaining contractual term
Outstanding – December 31, 2015	721,924	\$ 11.70	4.89
Awarded	325,968	6.66	
Exercised	—	—	
Forfeited	(63,329)	11.82	
Outstanding – September 30, 2016	984,563	10.02	5.19
Exercisable at September 30, 2016	446,275	\$ 11.54	4.27
Expected to vest September 30, 2016	984,563	10.02	5.19

The aggregate intrinsic value of all options (the amount by which the market price of the stock on the last day of the period exceeded the market price of the stock on the date of grant) outstanding at September 30, 2016 was \$0. The intrinsic value of all options exercised during the nine months ended September 30, 2016 was \$0. Net cash proceeds from the exercise of all stock options were \$0 for the nine months ended September 30, 2016 and 2015.

Changes in Deferred Stock Outstanding

The following table summarizes the changes in the number of deferred stock shares under the Stock Plan and 2011 Incentive Plan over the period December 31, 2015 to September 30, 2016:

Shares	Weighted Average
---------------	-----------------------------

		Grant Date Fair Value
Outstanding – December 31, 2015	126,427	\$ 11.73
Granted	102,161	7.28
Vested	(16,547)	12.41
Forfeited	(29,807)	11.00
Outstanding – September 30, 2016	182,234	9.30

Changes in Restricted Stock Units Outstanding

The following table summarizes the changes in the number of restricted stock units under the 2011 Incentive Plan over the period December 31, 2015 to September 30, 2016:

	Shares	Weighted Average Grant Date Fair Value
Outstanding – December 31, 2015	32,816	\$ 11.41
Granted	13,793	6.33
Issued	(19,023)	10.90
Forfeited	—	—
Outstanding – September 30, 2016	27,586	8.69

Compensation Expense

Share-based compensation expense recognized for the nine-month period ended September 30, 2016 was \$505,000 before income taxes and \$328,000 after income taxes. Share-based compensation expense recognized for the nine-month period ended September 30, 2015 was \$701,000 before income taxes and \$456,000 after income taxes. Unrecognized compensation expense for the Company's plans was \$557,000 at September 30, 2016 and is expected to be recognized over a weighted-average period of 1.8 years. Excess tax benefits from the exercise of stock options and issuance of stock included in financing cash flows for the nine-month periods ended September 30, 2016 and 2015 were \$ (63,000) and \$ 88,000, respectively. Share-based compensation expense is recorded as a part of selling, general and administrative expenses.

NOTE 4 - INVENTORIES

Inventories summarized below are priced at the lower of first-in, first-out cost or market:

September	December
30	31
2016	2015

Finished goods	\$ 12,228,000	\$ 14,112,000
Raw and processed materials	12,332,000	10,874,000
	\$ 24,560,000	\$ 24,986,000

NOTE 5 – ACQUISITION

On June 1, 2015, the Company acquired all of the shares of Twisted Technologies, Inc. (“Twisted Technologies”). The purchase price was \$1,463,000, with cash acquired totaling \$83,000. The purchase price includes initial consideration of \$1,000,000, deferred consideration of \$300,000 paid out on March 31, 2016, and \$163,000 in estimated contingent consideration. The Company has agreed to pay consideration contingent upon the Twisted Technologies business achieving specific revenue targets over a three-year period, with the consideration to be paid after each annual period has lapsed. The Company has recognized \$163,000 as the estimated fair value of the contingent consideration at the date of acquisition. The maximum payout is not limited. At September 30, 2016, the Company had estimated liabilities of \$7,000 related to these outstanding contingent consideration payments.

The assets and liabilities of Twisted Technologies were recorded in the consolidated balance sheet within the JDL Technologies segment at September 30, 2016. The purchase price allocation was based on estimates of the fair value of assets acquired and liabilities assumed and included total assets of \$1,591,000, including goodwill of \$1,463,000, and total liabilities of \$128,000. The entire goodwill balance is deductible for tax purposes.

NOTE 6 –GOODWILL AND INTANGIBLE ASSETS

The changes in the carrying amount of goodwill for the nine months ended September 30, 2016 by segment are as follows:

	JDL
January 1, 2016	\$ 1,463,000
Goodwill acquired	—
September 30, 2016	\$ 1,463,000
Gross goodwill	1,463,000
Accumulated impairment loss	—
Balance at September 30, 2016	\$ 1,463,000

The Company's identifiable intangible assets with finite lives are being amortized over their estimated useful lives and were as follows:

	September 30, 2016			
	Gross Carrying Amount	Accumulated Amortization	Foreign Currency Translation	Net
Trademarks	91,000	(50,000	) (16,000	) 25,000
Customer relationships	491,000	(202,000	) (101,000	) 188,000
Technology	229,000	(182,000	) (47,000) —
	811,000	(434,000	) (164,000	) 213,000
	December 31, 2015			
	Gross Carrying Amount	Accumulated Amortization	Foreign Currency Translation	Net
Trademarks	91,000	(48,000	) (8,000	) 35,000
Customer relationships	491,000	(197,000	) (46,000	) 248,000
Technology	229,000	(183,000	) (22,000	) 24,000
	811,000	(428,000	) (76,000	) 307,000

Amortization expense on these identifiable intangible assets was \$63,000 and \$50,000 in 2016 and 2015, respectively. The amortization expense is included in selling, general and administrative expenses. At September 30, 2016, the estimated future amortization expense for definite-lived intangible assets for the remainder of 2016 and all of the following four fiscal years is as follows:

Year Ending December 31:

2016	\$ 13,000
2017	53,000
2018	48,000
2019	42,000
2020	42,000

NOTE 7 – WARRANTY

We provide reserves for the estimated cost of product warranties at the time revenue is recognized. We estimate the costs of our warranty obligations based on our warranty policy or applicable contractual warranty, historical experience of known product failure rates, and use of materials and service delivery costs incurred in correcting product failures. Management reviews the estimated warranty liability on a quarterly basis to determine its adequacy. The actual warranty expense could differ from the estimates made by the Company based on product performance.

The following table presents the changes in the Company's warranty liability for the nine-month periods ended September 30, 2016 and 2015, respectively, the majority of which relates to a five-year obligation to provide for potential future liabilities for network equipment sales.

	2016	2015
Beginning balance	\$554,000	\$434,000
Amounts charged to expense	119,000	193,000
Actual warranty costs paid	(75,000)	(73,000)
Ending balance	\$598,000	\$554,000

NOTE 8 – CONTINGENCIES

In the ordinary course of business, the Company is exposed to legal actions and claims and incurs costs to defend against these actions and claims. Company management is not aware of any outstanding or pending legal actions or claims that could materially affect the Company's financial position or results of operations.

NOTE 9 – DEBT

Long-term Debt

The mortgage on the Company's headquarters building was payable in monthly installments and carried an interest rate of 6.83%. The mortgage matured on March 1, 2016 and the Company paid \$104,000 in the first quarter of 2016 to fully settle the liability. The mortgage was secured by the building.

Line of Credit

The Company has a \$15,000,000 line of credit from Wells Fargo Bank. The Company had no outstanding borrowings against the line of credit at September 30, 2016. Due to the revolving nature of loans under our credit facility, additional borrowings and periodic repayments and re-borrowings may be made until the maturity date. The total amount available for borrowings under our credit facility at September 30, 2016 was \$13,037,000, based on the borrowing base calculation. Interest on borrowings on the credit line is at LIBOR plus 2.0% (2.5% at September 30, 2016). The credit agreement expires August 12, 2021 and is secured by assets of the Company. Our credit agreement contains financial covenants including a minimum liquidity balance of \$10,000,000. Liquidity is calculated as the sum of unrestricted cash, marketable securities and the availability on the line of credit. At September 30, 2016, our liquidity level was \$25,814,000. The Company was in compliance with its financial covenants at September 30, 2016.

NOTE 10 – INCOME TAXES

In the preparation of the Company's consolidated financial statements, management calculates income taxes based upon the estimated effective rate applicable to operating results for the full fiscal year. This includes estimating the current tax liability as well as assessing differences resulting from different treatment of items for tax and book accounting purposes. These differences result in deferred tax assets and liabilities, which are recorded on the balance sheet. Management analyzes these assets and liabilities regularly and assesses the likelihood that deferred tax assets will be recovered from future taxable income.

At September 30, 2016 there was \$229,000 of net uncertain tax benefit positions that would reduce the effective income tax rate if recognized. The Company records interest and penalties related to income taxes as income tax expense in the Condensed Consolidated Statements of Income.

The Company is subject to U.S. federal income tax as well as income tax of multiple state and foreign jurisdictions. The tax years 2012-2015 remain open to examination by the Internal Revenue Service and the years 2011-2015 remain open to examination by various state tax departments. The tax years from 2012-2015 remain open in Costa Rica. In April 2016, we received notification from the Internal Revenue Service that they would be performing an examination of our 2012 and 2013 federal consolidated income tax returns. As of September 30, 2016, the examination was still in progress. We do not expect that any settlement or payment that may result from the examination will have a material effect on our results of operations.

The Company's effective income tax rate was (4.0%) for the first nine months of 2016. The effective tax rate differs from the federal tax rate of 35% due to state income taxes, foreign tax rate differences, foreign losses not deductible

for U.S. income tax purposes, provisions for interest charges for uncertain income tax positions, and changes in valuation allowances related to deferred tax assets. The foreign operating losses may ultimately be deductible in the countries in which they occurred; however the Company has not recorded a deferred tax asset for these losses due to uncertainty regarding the eventual realization of the benefit. The effect of the foreign operations was an overall rate decrease of approximately (6.6%) for the nine months ended September 30, 2016. The Company's effective income tax rate for the nine months ended September 30, 2015 was 43.3%, and differed from the federal tax rate due to state income taxes, foreign tax rate differences, foreign losses not deductible for U.S. income tax purposes and provisions for interest charges for uncertain income tax positions and the net impact of research and development credits.

NOTE 11 – SEGMENT INFORMATION

Effective January 1, 2016, the Company realigned its business operations. As a result of the realignment, the Company has segregated its Transition Networks subsidiary TN EMEA (now renamed Net2Edge) as a separate operating segment. Following this realignment, the Company classifies its businesses into four segments as follows:

- Suttle manufactures and markets connectivity infrastructure products for broadband and voice communications;
- Transition Networks manufactures media converters, NIDs, NICs, Ethernet switches and other connectivity products that offer the ability to affordably integrate the benefits of fiber optics into any data network;
- JDL Technologies provides technology solutions including virtualization, managed services, wired and wireless network design and implementation, HIPAA-compliant IT services, and converged infrastructure configuration and deployment; and
- Net2Edge enables telecommunications carriers to connect legacy networks to high-speed services.

Management has chosen to organize the enterprise and disclose reportable segments based on our products and services. Intersegment revenues are eliminated upon consolidation. To conform to the 2016 presentation, the Company has reclassified 2015 segment information to present the Net2Edge business unit as a separate segment.

Information concerning the Company's continuing operations in the various segments for the three month periods ended September 30, 2016 and 2015 is as follows:

	Suttle	Transition Networks	JDL Technologies	Net2Edge	Other	Intersegment Eliminations	Total
Three Months Ended September 30, 2016							
Sales	\$ 10,420,000	\$ 11,789,000	\$ 3,397,000	\$ 275,000	\$ —	\$ (264,000)	\$ 25,617,000
Cost of sales	10,080,000	6,350,000	2,384,000	128,000	—	(16,000)	18,926,000
Gross profit	340,000	5,439,000	1,013,000	147,000	—	(248,000)	6,691,000
Selling, general and administrative expenses	2,891,000	3,824,000	563,000	836,000		(248,000)	7,866,000
Operating (loss) income	\$(2,551,000)	\$ 1,615,000	\$ 450,000	\$(689,000)	\$ —	\$ —	\$(1,175,000)
Depreciation and amortization	\$ 627,000	\$ 205,000	\$ 65,000	\$ 23,000	\$ —	\$ —	\$ 920,000

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Capital expenditures	\$593,000	\$26,000	\$44,000	\$16,000	\$(4,000) \$—	\$675,000
Assets	\$36,830,000	\$17,758,000	\$3,729,000	\$1,488,000	\$16,692,000	\$(26,000)	\$76,471,000

	Suttle	Transition Networks	JDL Technologies	Net2Edge	Other	Intersegment Eliminations	Total
Three Months Ended September 30, 2015							
Sales	\$ 15,091,000	\$ 11,897,000	\$ 4,982,000	\$ 538,000	\$ —	\$ (262,000)	\$ 32,246,000
Cost of sales	12,000,000	6,447,000	3,206,000	250,000	—	(81,000)	21,822,000
Gross profit	3,091,000	5,450,000	1,776,000	288,000	—	(181,000)	10,424,000
Selling, general and administrative expenses	3,870,000	4,552,000	856,000	896,000	—	(181,000)	9,993,000
Operating (loss) income	\$(779,000)	\$ 898,000	\$ 920,000	\$(608,000)	\$ —	\$ —	\$ 431,000
Depreciation and amortization	\$ 539,000	\$ 229,000	\$ 39,000	\$ 35,000	\$ —	\$ —	\$ 842,000
Capital expenditures	\$ 67,000	\$ 34,000	\$ 16,000	\$ —	\$ 10,000	\$ —	\$ 127,000
Assets	\$ 41,588,000	\$ 25,636,000	\$ 6,792,000	\$ 1,540,000	\$ 23,055,000	\$ —	\$ 98,611,000
	Suttle	Transition Networks	JDL Technologies	Net2Edge	Other	Intersegment Eliminations	Total
Nine Months Ended September 30, 2016							
Sales	\$ 33,424,000	\$ 30,294,000	\$ 12,360,000	\$ 1,434,000	\$ —	\$ (918,000)	\$ 76,594,000
Cost of sales	29,939,000	17,270,000	8,025,000	682,000	—	(157,000)	55,759,000
Gross profit	3,485,000	13,024,000	4,335,000	752,000	—	(761,000)	20,835,000
Selling, general and administrative expenses	10,038,000	13,224,000	2,531,000	2,499,000	—	(742,000)	27,550,000
Pension liability adjustment gains		—	—		(4,148,000)		(4,148,000)
Operating (loss) income	\$(6,553,000)	\$(200,000)	\$ 1,804,000	\$(1,747,000)	\$ 4,148,000	\$ (19,000)	\$(2,567,000)
Depreciation and amortization	\$ 1,819,000	\$ 658,000	\$ 189,000	\$ 88,000	\$ —	\$ —	\$ 2,754,000

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Capital expenditures	\$ 1,414,000	\$ 185,000	\$ 128,000	\$ 18,000	\$ 220,000	\$ (19,000)	\$ 1,946,000
	Suttle	Transition Networks	JDL Technologies	Net2Edge	Other	Intersegment Eliminations	Total
Nine Months Ended September 30, 2015							
Sales	\$ 37,469,000	\$ 31,415,000	\$ 10,565,000	\$ 1,073,000	\$ —	\$ (533,000)	\$ 79,989,000
Cost of sales	30,682,000	17,485,000	7,648,000	453,000	—	(129,000)	56,139,000
Gross profit	6,787,000	13,930,000	2,917,000	620,000	—	(404,000)	23,850,000
Selling, general and administrative expenses	11,680,000	14,284,000	2,722,000	2,546,000	—	(404,000)	30,828,000
Operating loss	\$(4,893,000)	\$(354,000)	\$ 195,000	\$(1,926,000)	\$ —	\$ —	\$(6,978,000)
Depreciation and amortization	\$ 1,592,000	\$ 673,000	\$ 106,000	\$ 105,000	\$ —	\$ —	\$ 2,476,000
Capital expenditures	\$ 1,235,000	\$ 226,000	\$ 187,000	\$ 21,000	\$ 114,000	\$ —	\$ 1,783,000

NOTE 12 – PENSIONS

The Company's U.K. based subsidiary Austin Taylor maintained a defined benefit pension plan for its employees through March 31, 2016. The Company does not provide any other post-retirement benefits to its employees. Components of net periodic benefit of the pension plans for the three and nine months ended September 30, 2016 and 2015 were:

	Three Months Ended September 30	Nine Months Ended September 30	
	2016	2016	2015
Service cost	\$—\$2,000	\$—	\$6,000
Interest cost	— 33,000	26,000	105,000
Expected return on assets	— (43,000)	(24,000)	(138,000)
Settlement benefit	— —	(43,000)	—
Net periodic pension benefit	\$—\$(8,000)	\$(41,000)	\$(27,000)

The Company settled all its obligations under pension plan in the first quarter of 2016. The Company had contributed \$650,000 toward the settlement of the pension into annuities in 2015, which resulted in the recognition of \$1,222,000 of pension settlement costs in the income statement in the fourth quarter of 2015. The Company contributed an additional \$68,000 toward the settlement in the first quarter of 2016, which resulted in a benefit of \$43,000 recorded within operating expenses. As a result of the final settlement of all of its pension obligations, in the first quarter of 2016, the Company recorded \$4,148,000 in pension liability adjustment gains previously recorded in accumulated other comprehensive income within operating expenses in the consolidated statement of income.

NOTE 13 – NET INCOME (LOSS) PER SHARE

Basic net income per common share is based on the weighted average number of common shares outstanding during each year. Diluted net income per common share takes into effect the dilutive effect of potential common shares outstanding. The Company's only potential common shares outstanding are stock options and shares associated with the long-term incentive compensation plans, which resulted in no dilutive effect for the three and nine-month periods ended September 30, 2016. The Company calculates the dilutive effect of outstanding options using the treasury stock method. Due to the net losses in the first three and nine-month periods of 2015, there was no dilutive impact from stock options or unvested shares. Options totaling 964,563 and 846,584 were excluded from the calculation of diluted earnings per share for the three and nine-month periods ended September 30, 2016 because the exercise price was greater than the average market price of common stock during the period and deferred stock awards totaling 159,689 shares would not have been included for the three and nine-month periods ended September 30, 2016 because of

unmet performance conditions. Options totaling 625,812 would have been excluded from the calculation of diluted earnings per share for the three and nine-month periods ended September 30, 2015, because the exercise price was greater than the average market price of common stock during the period and deferred stock awards totaling 192,061 shares would not have been included for the three and nine-months ended September 30, 2015 because of unmet performance conditions.

NOTE 14 – FAIR VALUE MEASUREMENTS

The accounting guidance establishes a valuation hierarchy for disclosure of the inputs to valuation used to measure fair value. This hierarchy prioritizes the inputs into three broad levels as follows:

Level 1 – Observable inputs that reflect unadjusted quoted prices for identical assets or liabilities in active markets that the Company has the ability to access at the measurement date.

Level 2 – Observable inputs such as quoted prices for similar instruments and quoted prices in markets that are not active, and inputs that are directly observable or can be corroborated by observable market data. The types of assets and liabilities included in Level 2 are typically either comparable to actively traded securities or contracts, such as treasury securities with pricing interpolated from recent trades of similar securities, or priced with models using highly observable inputs, such as commodity options priced using observable forward prices and volatilities.

Level 3 – Significant inputs to pricing that have little or no observability as of the reporting date. The types of assets and liabilities included in Level 3 are those with inputs requiring significant management judgment or estimation, such as the complex and subjective models and forecasts used to determine the fair value of financial instruments.

Financial assets and liabilities measured at fair value as of September 30, 2016 and December 31, 2015, are summarized below:

September 30, 2016

	Level 1	Level 2	Level 3	Total Fair Value
Cash equivalents:				
Money Market funds	\$98,000	\$—	\$—	\$98,000
Certificates of deposit		—		—
Subtotal	98,000	—	—	98,000
Short-term investments:				
Certificates of deposit	—	4,292,000	—	4,292,000
Corporate Notes/Bonds	—	4,524,000	—	4,524,000
Subtotal	—	8,816,000	—	8,816,000

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Long-term investments:

Certificates of deposit	—	728,000	—	728,000
Corporate Notes/Bonds	—	—	—	—
Subtotal	—	728,000	—	728,000

Current Liabilities:

Contingent Consideration	—	—	(7,000)	(7,000)
Subtotal	—	—	(7,000)	(7,000)

Total	\$98,000	\$9,544,000	\$(7,000)	\$9,635,000
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December 31, 2015

	Level 1	Level 2	Level 3	Total Fair Value
Cash equivalents:				
Money Market funds	\$ 1,944,000	\$—	\$—	\$ 1,944,000
Subtotal	1,944,000	—	—	1,944,000
Short-term investments:				
Certificates of deposit	—	1,202,000	—	1,202,000
Corporate Notes/Bonds	—	4,027,000	—	4,027,000
Subtotal	—	5,229,000	—	5,229,000
Long-term investments:				
Certificates of deposit	—	4,286,000	—	4,286,000
Corporate Notes/Bonds	—	2,007,000	—	2,007,000
Subtotal	—	6,293,000	—	6,293,000
Current Liabilities:				
Contingent Consideration	—	—	(142,000)	(142,000)
Subtotal	—	—	(142,000)	(142,000)
Total	\$ 1,944,000	\$ 11,522,000	\$ (142,000)	\$ 13,324,000

The estimated fair value of contingent consideration as of September 30, 2016 was \$7,000, as noted above. The estimated fair value is considered a level 3 measurement because the probability weighted discounted cash flow methodology used to estimate fair value includes the use of significant unobservable inputs, primarily the contractual contingent consideration revenue targets and assumed probabilities. The change in the estimated contingent consideration during the nine months ended September 30, 2016 resulted in a gain of \$135,000 included in operating income. The gains were the result of a change in future assumptions related to the contingent consideration..

We record transfers between levels of the fair value hierarchy, if necessary, at the end of the reporting period. There were no transfers between levels during the three months ended September 30, 2016.

NOTE 15 – SUBSEQUENT EVENTS

The Company has evaluated subsequent events through the date of this filing. We do not believe there are any material subsequent events that would require further disclosure.

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

Overview

Communications Systems, Inc. provides physical connectivity infrastructure and services for global deployments of broadband networks through the following business units:

Suttle manufactures and markets connectivity infrastructure products for broadband and voice communications;

Transition Networks manufactures media converters, NIDs, NICs, Ethernet switches and other connectivity products that offer customers the ability to affordably integrate the benefits of fiber optics into any data network;

JDL Technologies provides technology solutions including virtualization, managed services, wired and wireless network design and implementation, HIPAA-compliant IT services, and converged infrastructure configuration and deployment; and

Net2Edge enables telecommunications carriers to connect legacy networks to high-speed services.

Third Quarter 2016 Summary

Consolidated sales of \$25.6 million compared to \$32.2 million in Q3 2015, resulting from decreased revenue at Suttle and JDL Technologies.

Operating loss was \$1.2 million compared to operating income of \$0.4 million in Q3 2015.

Net loss was \$1.3 million, or (\$0.14) per diluted share, compared to net income of \$1.3 million, or \$0.15 per diluted share, in Q3 2015.

Forward-looking statements

In this report and, from time to time, in reports filed with the Securities and Exchange Commission (“SEC”), in press releases, and in other communications to shareholders or the investing public, the Company may make “forward looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995 concerning possible or anticipated future financial performance, business activities, plans, pending claims, investigations or litigation, which are typically preceded by the words “believes,” “expects,” “anticipates,” “intends” or similar expressions. For these forward-looking statements, the Company claims the protection of the safe harbor for forward-looking statements contained in federal securities laws. Shareholders and the investing public should understand that these forward-looking statements are subject to risks and uncertainties that could cause actual performance, activities, anticipated results, outcomes or plans to differ significantly from those indicated in the forward-looking statements. These risks and uncertainties include, but are not limited to:

General Risks and Uncertainties:

- The ability of the CSI parent to oversee and ensure that the Company’s four operating units function in an efficient and cost-effective manner;

- The ability of our four business units to operate profitably; and

- The impact of changing economic circumstances on government expenditures in our markets.

Suttle Risks and Uncertainties:

- Suttle's dependence upon its sales to a small number of major communication service providers and their continued investment and deployment into building out their networks;

- Volatility in purchases of Suttle's products by major communication service providers as well as recent, increased pressure on our margins; and

Suttle's ability to continue to introduce and sell new fiber-network based-products such as G.hn products and FTTx (fiber-to-the-home or node) products to replace declining sales and lower or fluctuating gross margins in its legacy products.

Transition Networks Risks and Uncertainties:

- The ability of Transition Networks to develop and sell new products for new and existing markets at a level adequate to counter the decline in sales from its traditional products;

- Transition Networks' ability to profitably penetrate targeted international markets; and

- Transition Networks' reliance on contract manufacturers and OEMs for supply of its products.

JDL Technologies Risks and Uncertainties:

- JDL's ability to continue to obtain business from its traditional South Florida school district customers;

- JDL's ability to profitably increase its business serving small and medium-sized commercial businesses, including profitably leveraging its June 1, 2015 acquisition of Twisted Technologies; and

JDL's ability to establish and maintain a productive and efficient workforce given revenues that have historically fluctuated significantly from period to period, in part due to the uncertainty and timing of federal government funding of school initiatives, including the E-Rate program.

Net2Edge's Risks and Uncertainties:

Net2Edge's ability to develop new products and increase its revenues to cover its fixed and variable costs.

In addition, the Company will discuss other factors from time to time in its filings with the SEC, including risk factors presented under Item 1A of the Company's most recently filed annual report on Form 10-K or quarterly reports on Form 10-Q.

Company Results

Three Months Ended September 30, 2016 Compared to

Three Months Ended September 30, 2015

Consolidated sales declined 21% in 2016 to \$25,617,000 compared to \$32,246,000 in 2015. Consolidated operating loss in 2016 was \$1,175,000 compared to operating income of \$431,000 in the third quarter of 2015. Net loss in 2016 was \$1,264,000 or \$ (0.14) per share compared to net income of \$1,284,000 or \$0.15 per share in the third quarter of 2015.

Suttle Results

Suttle sales decreased 31% in the third quarter of 2016 to \$10,420,000 compared to \$15,091,000 in the same period of 2015 due to a decrease in sales of its legacy products in international markets, and a disrupted ordering cycle in a major domestic customer.

Sales by customer groups in the third quarter of 2016 and 2015 were:

	Suttle Sales by Customer Group	
	2016	2015
Communication service providers	\$9,441,000	\$10,998,000
International	368,000	3,341,000
Distributors	611,000	752,000
	\$10,420,000	\$15,091,000

Suttle's sales by product groups in third quarter of 2016 and 2015 were:

	Suttle Sales by Product Group	
	2016	2015
Structured cabling and connecting system products	\$9,649,000	\$11,680,000

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DSL and other products	771,000	3,411,000
	\$10,420,000	\$15,091,000

Sales to the major communication service providers decreased 14% in 2016 due to a disrupted order cycle in a major domestic customer. Sales to major communication service providers accounted for 91% of Suttle's sales in the third quarter of 2016 compared to 73% of sales in 2015. Sales to distributors decreased 19% in 2016 due to a decline in legacy product lines and accounted for 6% and 5% of sales in the third quarters of 2016 and 2015, respectively. International sales decreased 89% in 2016 and accounted for 4% of Suttle's third quarter 2016 sales, due to the ordering cycle of DSL products for a major customer.

Sales of structured cabling and connecting system products decreased 17% due to price pressures on legacy products and a disrupted ordering cycle for new products with a major customer.

Suttle's gross margin decreased 89% in the third quarter of 2016 to \$340,000 compared to \$3,091,000 in the same period of 2015. Gross margin as a percentage of sales decreased to 3.3% from 20.5% in the same period of 2015 due to reduced productivity in the manufacturing process related to certain new product introductions and write off of obsolete inventory. Selling, general and administrative expenses decreased 25% to \$2,891,000, or 27.7% of sales, in the third quarter of 2016 compared to \$3,870,000, or 25.6% of sales, in the same period in 2015 due to ongoing expense reduction measures. Suttle incurred \$592,000 and \$1,747,000 in research and development expenses in the respective 2016 and 2015 third quarters. While Suttle continues to enhance and develop new products, it has completed its investment in some new products and introduced these products to the market in 2016. Suttle incurred an operating loss of \$2,551,000 in the third quarter of 2016 compared to an operating loss of \$779,000 in 2015.

Transition Networks Results

Transition Networks sales decreased 1% to \$11,789,000 in the third quarter of 2016 compared to \$11,897,000 in 2015. Transition Networks organizes its sales force by channel to market and segments its customers geographically. Third quarter sales by region are presented in the following table:

Transition Networks		
Sales by Region		
	2016	2015
North America	\$9,469,000	\$9,476,000
Rest of World	1,512,000	1,699,000
Europe, Middle East, Africa ("EMEA")	808,000	722,000
	\$11,789,000	\$11,897,000

The following table summarizes Transition Networks' 2016 and 2015 third quarter sales by its major product groups:

Transition Networks		
Sales by Product Group		
	2016	2015
Media converters	\$6,703,000	\$6,429,000
Ethernet switches and adapters	3,045,000	3,947,000
Other products	2,041,000	1,521,000
	\$11,789,000	\$11,897,000

Sales in North America remained stable in 2016 as compared to 2015. International sales decreased \$101,000, or 4%, due to weakness in our ROW region, partially offset by gains in EMEA. Media converters increased 4% or \$274,000 due primarily to improvements in our federal government business. Ethernet switches and adapters decreased 23% or \$902,000 due to project timing and weakness in our industrial sector.

Gross margin on third quarter Transition Networks' sales decreased to \$5,439,000 in 2016 as compared to \$5,450,000 in 2015. Gross margin as a percentage of sales increased to 46.1% in 2016 from 45.8% in 2015 due to improved product mix. Selling, general and administrative expenses decreased 16% to \$3,824,000, or 32.4% of sales, in 2016 compared to \$4,552,000, or 38.3% of sales, in 2015 due to a continued emphasis in reducing selling costs in North America and EMEA. Transition Networks had operating income of \$1,615,000 in 2016 compared to income of \$898,000 in 2015.

JDL Technologies Results

JDL Technologies sales decreased 32% to \$3,397,000 in the third quarter of 2016 compared to \$4,982,000 in 2015.

JDL's revenues by customer group were as follows:

JDL Revenue by Customer Group		
	2016	2015
Education	\$2,383,000	\$3,930,000
All other	1,014,000	1,052,000
	\$3,397,000	\$4,982,000

Revenues from the education sector decreased \$1,547,000 or 39% in the third quarter of 2016 as compared to the 2015 third quarter due to the variability inherent in the cyclical nature of the education sector and this sector's technology refresh schedule. Revenue from JDL Technologies' sales to small and medium-sized commercial businesses (SMBs) decreased \$38,000, or 4% as a result of a continued refinement of the services being offered as JDL continues to focus on managed services in the health care sector.

Gross margin decreased 43% to \$1,013,000 in the third quarter of 2016 compared to \$1,776,000 in the same period in 2015. Gross margin as a percentage of sales decreased to 29.8% in 2016 from 35.6% in 2015 due to sales mix. Selling, general and administrative expenses decreased 34% in 2016 to \$563,000, or 16.6% of sales, compared to \$856,000, or 17.2% of sales, in 2015 due to operational changes made in response to the performance of the business unit and a favorable adjustment to accrued consideration. JDL Technologies reported operating income of \$450,000 in the third quarter of 2016 compared to income of \$920,000 in the same period of 2015.

Net2Edge Results

Effective January 1, 2016, the Company established Net2Edge (formerly a Transition Networks line of business known as TN EMEA) as a separate subsidiary. Net2Edge's sales decreased 49% to \$275,000 in the third quarter of 2016 compared to \$538,000 in 2015 due to the timing of major account orders. Gross margin decreased 49% to \$147,000 in the third quarter of 2016 compared to \$288,000 in the same period of 2015. Gross margin as a percentage of sales remained stable at 53.5% in 2016. Selling, general and administrative expenses decreased 7% in 2016 to \$836,000 compared to \$896,000 in 2015. Net2Edge reported an operating loss of \$689,000 in the third quarter of 2016 compared to a loss of \$608,000 in the same period of 2015.

Nine Months Ended September 30, 2016 Compared to

Nine Months Ended September 30, 2015

Consolidated sales decreased 4% in 2016 to \$76,595,000 compared to \$79,989,000 in 2015. Consolidated operating loss in 2016 was \$2,567,000 compared to a loss of \$6,978,000 in the first nine months of 2015 due to \$4,148,000 in pension liability adjustment gains recognized in operating income in the first quarter of 2016 from the settlement of the pension plan. Net loss in 2016 was \$6,275,000 or \$ (0.71) per share compared to net loss of \$3,908,000 or \$ (0.45) per share in the first nine months of 2015.

Suttle Results

Suttle sales decreased 11% in the first nine months of 2016 to \$33,424,000 compared to \$37,469,000 in the same period of 2015 due primarily to lower international sales impacted by the ordering cycle of DSL products for a major customer. Sales by customer groups in the first nine months of 2016 and 2015 were:

	Suttle Sales by Customer Group	
	2016	2015
Communication service providers	\$30,252,000	\$29,367,000
International	1,147,000	5,630,000
Distributors	2,025,000	2,472,000
	\$33,424,000	\$37,469,000

Suttle's sales by product groups in first nine months of 2016 and 2015 were:

Suttle Sales by Product Group		
	2016	2015
Structured cabling and connecting system products	\$30,332,000	\$31,659,000
DSL and other products	3,092,000	5,810,000
	\$33,424,000	\$37,469,000

Sales to the major communication service providers increased 3% in 2016 due to increased volume from new products and stabilization of legacy products. Sales to major communication service providers accounted for 91% of Suttle's sales in the first nine months of 2016 compared to 78% of sales in 2015. Sales to distributors decreased 18% in 2016 due to a decline in legacy product lines. This customer segment accounted for 6% and 7% of sales in the first nine months of 2016 and 2015, respectively. International sales decreased 80% and accounted for 3% of Suttle's first nine month 2016 sales, due to the ordering cycle of DSL products by a large customer.

Sales of structured cabling and connecting system products decreased 4% due to a disrupted ordering cycle of a major customer. Sales of DSL and other products decreased 47% due to the ordering cycle of large international customer.

Suttle's gross margin decreased 49% in the first nine months of 2016 to \$3,485,000 compared to \$6,787,000 in the same period of 2015. Gross margin as a percentage of sales decreased to 10.4% from 18.1% in the same period of 2015 due to reduced productivity in the manufacturing process and write off of obsolete inventory. Selling, general and administrative expenses decreased 14% to \$10,038,000, or 30.0% of sales, in the first nine months of 2016 compared to \$11,680,000, or 31.2% of sales, in the same period in 2015 due to ongoing expense reduction measures. Suttle incurred \$2,137,000 and \$3,811,000 in research and development expenses in the respective 2016 and 2015 first nine months, as it continues to invest in enhancing existing products and developing new products. Suttle's operating loss was \$6,553,000 in the first nine months of 2016 compared to \$4,893,000 in 2015.

Transition Networks Results

Transition Networks sales decreased 4% to \$30,294,000 in the first nine months of 2016 compared to \$31,415,000 in 2015 due to weakness in our international business. Transition Networks organizes its sales force by channel to market and segments its customers geographically. First nine month sales by region are presented in the following table:

Transition Networks

Sales by Region

2016 2015

North America	\$24,296,000	\$23,517,000
Rest of World	3,888,000	5,337,000
Europe, Middle East, Africa (“EMEA”)	2,110,000	2,561,000
	\$30,294,000	\$31,415,000

The following table summarizes Transition Networks' 2016 and 2015 first nine month sales by its major product groups:

	Transition Networks	
	Sales by Product Group	
	2016	2015
Media converters	\$18,817,000	\$18,935,000
Ethernet switches and adapters	6,083,000	7,716,000
Other products	5,394,000	4,764,000
	\$30,294,000	\$31,415,000

Sales in North America increased 3% or \$779,000 due mainly to improved activity at a major carrier customer. International sales decreased \$1,900,000, or 24%, due to weakened global economies and currency fluctuations, which make our products more expensive in some countries. Sales of media converters decreased 1% or \$118,000 due to product mix as we transition to a newer platform. Sales of Ethernet switches and adapters decreased 21% or \$1,633,000 due primarily to a slowdown in the industrial sector internationally.

Gross margin on the Transition Networks' first nine month sales decreased 7% to \$13,024,000 in 2016 from \$13,930,000 in 2015. Gross margin as a percentage of sales decreased to 43.0% in 2016 from 44.3% in 2015 due to product mix associated with new product introduction in the first half of the year. Selling, general and administrative expenses decreased 7% to \$13,224,000, or 43.7% of sales, in 2016 compared to \$14,284,000, or 45.5% of sales, in 2015 due to on-going cost reduction efforts in all segments of the business. Operating loss was \$200,000 in 2016 compared to a loss of \$354,000 in 2015.

JDL Technologies Results

JDL Technologies sales increased 17% to \$12,360,000 in the first nine months of 2016 compared to \$10,565,000 in 2015.

JDL's revenues by customer group were as follows:

JDL Revenue by	
Customer Group	
2016	2015

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Education	\$9,154,000	\$7,905,000
All other	3,206,000	2,660,000
	\$12,360,000	\$10,565,000

Revenues earned from the education sector increased \$1,249,000 or 16% in the first nine months of 2016 as compared to 2015 due to the completion of more projects during the prior period. Revenue from JDL Technologies' sales to small and medium-sized commercial businesses (SMBs) increased \$546,000, or 21% due to organic client growth and the acquisition of Twisted Technologies in June of 2015.

Gross margin increased 49% to \$4,335,000 in the first nine months of 2016 compared to \$2,917,000 in the same period in 2015. Gross margin as a percentage of sales increased to 35.1% in 2016 from 27.6% in 2015 due to sales mix. Gross margin as a percentage of 2015 sales was abnormally low due to low sales volume and relatively fixed overhead costs in the first quarter of 2015. Selling, general and administrative expenses decreased 7% in 2016 to \$2,531,000, or 20.5% of sales, compared to \$2,722,000, or 25.8% of sales, in 2015. Selling, general and administrative expenses decreased as JDL Technologies made operational changes in response to market directions and business unit performance. JDL Technologies reported operating income of \$1,804,000 in the first nine months of 2016 compared to income of \$195,000 in the same period of 2015.

Net2Edge Results

Net2Edge's sales increased 34% to \$1,434,000 in the first nine months of 2016 compared to \$1,073,000 in 2015 due to increased sales on its new Liberator™ product line. Gross margin increased 21% to \$752,000 in the first nine months of 2016 compared to \$620,000 in the same period of 2015. Gross margin as a percentage of sales decreased to 52.4% in 2016 from 57.8% in 2015 due to product mix from legacy products to new product lines. Selling, general and administrative expenses decreased 2% in 2016 to \$2,499,000 compared to \$2,546,000 in 2015 due to an effort to control expenses. Net2Edge reported an operating loss of \$1,747,000 in the first nine months of 2016 compared to a loss of \$1,926,000 in the same period of 2015.

Other

The Company's loss before income taxes decreased to \$6,032,000 in 2016 compared to \$6,898,000 in 2015 due to an overall decrease in sales and lower margins, offset partially by lower selling, general and administrative expenses. Additionally, the Company recognized a net gain of \$808,000, primarily due to the sale of the Austin Taylor facility and a foreign currency translation loss of \$4,238,000, due to the substantial liquidation of Austin Taylor within other expenses during the first quarter of 2016. The Company's effective income tax rate was (4.0%) in 2016 and 43.3% in 2015. This effective tax rate for 2016 differs from the federal tax rate of 35% due to state income taxes, foreign tax rate differences, foreign losses not deductible for U.S. income tax purposes, provisions for interest charges for uncertain income tax positions, and changes in valuation allowances related to deferred tax assets.

Liquidity and Capital Resources

As of September 30, 2016, the Company had approximately \$12,777,000 in cash, cash equivalents and investments. Of this amount, \$98,000 was invested in short-term money market funds that are not considered to be bank deposits and are not insured or guaranteed by the FDIC or other government agency. These money market funds seek to

preserve the value of the investment at \$1.00 per share; however, it is possible to lose money investing in these funds. The remainder in cash and cash equivalents is operating cash and certificates of deposit that are fully insured through the FDIC. The Company also had \$9,544,000 in investments consisting of certificates of deposit and corporate notes and bonds that are traded on the open market and are classified as available-for-sale at September 30, 2016.

The Company had working capital of \$44,733,000 at September 30, 2016, consisting of current assets of approximately \$57,263,000 and current liabilities of \$12,530,000 compared to working capital of \$46,449,000 at December 31, 2015 consisting of current assets of \$61,890,000 and current liabilities of \$15,441,000.

Cash flow used by operating activities was approximately \$2,885,000 in 2016 compared to \$5,917,000 used in the same period of 2015. Significant working capital changes from December 31, 2015 to September 30, 2016 included a decrease in accounts receivable of \$1,444,000 and a decrease in payables of \$1,131,000.

Net cash provided by investing activities was \$1,040,000 in 2016 and \$806,000 in 2015, due to proceeds from the sale of investments and a gain on the sale of assets, specifically the land and building of our Austin Taylor facility in the U.K. during the first quarter of 2016.

Net cash used in financing activities was \$4,644,000 in 2016 compared to \$530,000 used in financing activities in 2015. Cash dividends paid on common stock increased to \$4,269,000 in 2016 (\$0.48 per common share) from \$4,221,000 in 2015. Proceeds from common stock issuances, principally shares sold to the Company's Employee Stock Ownership Plan and issued under the Company's Employee Stock Purchase Plan, totaled approximately \$118,000 in 2016 and \$272,000 in 2015. The Company did not repurchase any shares in 2016 or 2015 under the Board-authorized program. At September 30, 2016, Board of Director authority to purchase approximately 411,910 additional shares remained in effect. The Company acquired \$26,000 and \$179,000 in 2016 and 2015, respectively, of Company stock from employees to satisfy withholding tax obligations related to share-based compensation, pursuant to terms of Board and shareholder-approved compensation plans.

The Company has a \$15,000,000 line of credit from Wells Fargo Bank. Interest on borrowings on the credit line is at LIBOR plus 2.0% (2.5% at September 30, 2016). The Company had no outstanding borrowings against the line of credit at September 30, 2016. The credit agreement expires August 12, 2021 and is secured by assets of the Company.

In the opinion of management, based on the Company's current financial and operating position and projected future expenditures, sufficient funds are available to meet the Company's anticipated operating and capital expenditure needs.

Critical Accounting Policies

Our critical accounting policies, including the assumptions and judgments underlying them, are discussed in our 2015 Form 10-K in Note 1 Summary of Significant Accounting Policies included in our Consolidated Financial Statements.

There were no significant changes to our critical accounting policies during the three months ended September 30, 2016.

The Company's accounting policies have been consistently applied in all material respects and disclose matters such as allowance for doubtful accounts, sales returns, inventory valuation, warranty expense, income taxes, revenue recognition, asset impairment recognition and foreign currency translation. On an ongoing basis, we evaluate our estimates based on historical experience and on various other assumptions that we believe to be reasonable under the circumstances, the result of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Results may differ from these estimates due to actual outcomes being different from those on which we based our assumptions. Management reviews these estimates and judgments on an ongoing basis.

Recently Issued Accounting Pronouncements

In May 2014, the Financial Accounting Standards Board (FASB) issued a new accounting standard update on revenue recognition from contracts with customers. The new guidance will replace all current U.S. GAAP guidance on this topic and eliminate all industry-specific guidance. According to the new guidance, revenue is recognized when promised goods or services are transferred to customers in an amount that reflects the consideration the Company expects to receive in exchange for those goods or services. As a result of the FASB's July 2015 deferral of the standard's required implementation date, the guidance is effective for interim and annual reporting periods beginning after December 15, 2017. The Company is currently evaluating the impact of adopting this standard on its consolidated financial statements.

In April 2015, the FASB issued accounting guidance that changes the presentation of debt issuance costs. The core principle of this revised accounting guidance is that debt issuance costs are not assets, but adjustments to the carrying cost of debt. The Company adopted this guidance in the first quarter of 2016 with no material impact on its consolidated financial statements.

In July 2015, the FASB issued an accounting standard on inventory, which simplifies the subsequent measurement of inventory by requiring entities to measure inventory at the lower of cost or net realizable value, except for inventory measured using the last-in, first-out (LIFO) or the retail inventory methods. This standard requires entities to compare the cost of inventory to one measure – net realizable value. Net realizable value is the estimated selling price in the ordinary course of business, less reasonably predictable costs of completion, disposal and transportation. The standard is effective for the annual period beginning after December 15, 2015 and interim periods within those annual periods, with early adoption permitted, and is to be applied prospectively. The Company does not expect the adoption of this standard to have a material impact on its consolidated financial statements.

In November 2015, the FASB issued an accounting standard on deferred taxes, which removes the requirement to present deferred tax assets and liabilities as current and noncurrent on the balance sheet based on the classification of the related asset or liability, and instead requires classification of all deferred tax assets and liabilities as noncurrent. This guidance will be effective for interim and annual reporting periods beginning after December 15, 2016, and early adoption is permitted. Other than the prescribed classification of all deferred tax assets and liabilities as noncurrent, the Company does not expect the implementation of this standard to have a material impact on its consolidated financial statements.

In February 2016, the FASB issued new accounting requirements regarding accounting for leases, which requires an entity to recognize both assets and liabilities arising from financing and operating leases, along with additional qualitative and quantitative disclosures. The new standard is effective for fiscal years beginning after December 15, 2018, including interim periods within that reporting period, and early adoption is permitted. We have not yet

determined the potential effects on our financial condition or results of operations.

In March 2016, the FASB issued a new accounting standard that will change certain aspects of accounting for share-based payments to employees, including the accounting for income taxes, forfeitures and statutory withholding requirements, as well as classification in the statement of cash flows. The new standard is effective for annual and interim periods beginning after December 15, 2016. We have not yet determined the impact this standard will have on our financial condition or results of operations.

In August 2016, the FASB issued new accounting guidance regarding the classification of cash receipts and payments in the Statement of Cash Flows. This guidance is intended to reduce diversity in practice in how certain cash receipts and cash payments are presented and classified in the Consolidated Statement of Cash Flows by providing guidance on eight specific cash flow issues. The new standard is effective retrospectively on January 1, 2018, with early adoption permitted. We have not yet determined the impact this standard will have on our financial condition or results of operations.

Item 3. Quantitative and Qualitative Disclosures about Market Risk.

The Company has no freestanding or embedded derivatives. The Company's policy is to not use freestanding derivatives and to not enter into contracts with terms that cannot be designated as normal purchases or sales.

The vast majority of our transactions are denominated in U.S. dollars; as such, fluctuations in foreign currency exchange rates have historically not been material to the Company. At September 30, 2016 our bank line of credit carried a variable interest rate based on LIBOR plus 2.0%.

Based on the Company's operations, in the opinion of management, no material future losses or exposure exist relative to market risk.

Item 4. Controls and Procedures

The Company carried out an evaluation, under the supervision and with the participation of its management, including the Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of the Company's "disclosure controls and procedures" (as defined in the Exchange Act Rule 13a-15(e)) as of the end of the period covered by this report. Based upon that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that the Company's disclosure controls and procedures are effective.

Except as set forth below, there was no change in the Company's internal control over financial reporting that occurred during the Company's most recently completed fiscal quarter that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

During the quarter ended September 30, 2016, we implemented a new ERP system within our JDL Technologies, Inc. business unit. The system changes were not being made in response to any material weakness in our internal controls. This implementation has resulted in some changes to business processes and internal control over financial reporting. We have taken steps to monitor and maintain appropriate internal control over financial reporting and will continue to evaluate the operating effectiveness of related controls during future periods.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings

Not Applicable.

Item 1A. Risk Factors

Not Applicable.

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

Issuer Repurchases of Equity Securities

ISSUER PURCHASES OF EQUITY SECURITIES

Period	(a) Total Number of Shares (or Units) Purchased	Average Price Paid per Share (or Unit)	Total Number of Shares (or Units) Purchased as Part of Publicly Announced Plans or Programs	(b) Maximum Number (or Approximate Dollar Value) of Shares (or Units) that May Yet Be Purchased Under the Plans or Programs
July 2016	—	\$ —	—	411,910
August 2016	198	6.86	—	411,910
September 2016	—		—	411,910
Total	198	\$ 6.86	—	411,910

(a) The shares in this column represent shares that were surrendered to us by plan participants to satisfy withholding tax obligations related to share-based compensation.

(b) Shares represent remaining amount of a 500,000 share repurchase authorization approved by the Company's Board in October 2008 and publicly announced in November 2008.

Item 3. Defaults Upon Senior Securities

Not Applicable.

Item 4. Mine Safety Disclosures

Not Applicable.

Item 5. Other Information

Not Applicable.

Item 6. Exhibits.

The following exhibits are included herein:

First Amendment dated September 30, 2016 to Amended and Restated Credit Agreement by and among
10.1 Communications Systems, Inc., JDL Technologies, Incorporated, Transition Networks, Inc., Suttle, Inc. and
Wells Fargo Bank, National Association.

31.1 Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Rules
13a-14 and 15d-14 of the Exchange Act).

31.2 Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Rules 13a-14 and 15d-14 of the Exchange Act).

32. Certifications pursuant Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. §1350).

99.1 Communications Systems, Inc. Press Release dated November 3, 2016 announcing 2016 Third Quarter Results.

Signatures

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 thereto duly authorized.

Communications Systems, Inc.

By/s/ Roger H.D. Lacey

Roger H.D. Lacey

Date: November 4, 2016 Chief Executive Officer

/s/ Mark Fandrich

Mark Fandrich

Date: November 4, 2016 Chief Financial Officer