

VITAL IMAGES INC  
Form 10-Q  
November 09, 2009  
Table of Contents

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**FORM 10-Q**

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

**For the quarterly period ended September 30, 2009**

**OR**

- o 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 0-22229**

**VITAL IMAGES, INC.**

(Exact name of registrant as specified in its charter)

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**Minnesota**  
(State or other jurisdiction of  
incorporation or organization)

**42-1321776**  
(I.R.S. Employer Identification No.)

**5850 Opus Parkway, Suite 300**  
**Minnetonka, Minnesota**  
(Address of principal  
executive offices)

**55343-4414**  
(Zip Code)

**(952) 487-9500**

(Registrant's telephone number, including area code)

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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, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

(Do not check if a 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

On November 2, 2009, there were 14,300,727 shares of the Registrant's common stock, par value \$.01 per share, outstanding.



Table of Contents

**Vital Images, Inc.  
Form 10-Q  
September 30, 2009**

**Table of Contents**

	<b>Page</b>
<b><u>Part I. Financial Information</u></b>	
<b><u>Item 1.</u></b>	
<b><u>Financial Statements</u></b>	
	<b>Page</b>
<u>Condensed Consolidated Balance Sheets as of September 30, 2009 and December 31, 2008 (Unaudited)</u>	3
<u>Condensed Consolidated Statements of Operations for the three and nine months ended September 30, 2009 and 2008 (Unaudited)</u>	4
<u>Condensed Consolidated Statements of Cash Flows for the nine months ended September 30, 2009 and 2008 (Unaudited)</u>	5
<u>Notes to Condensed Consolidated Financial Statements (Unaudited)</u>	6
<b><u>Item 2.</u></b>	
<b><u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u></b>	13
<b><u>Item 3.</u></b>	
<b><u>Quantitative and Qualitative Disclosures about Market Risk</u></b>	24
<b><u>Item 4.</u></b>	
<b><u>Controls and Procedures</u></b>	24
<b><u>Part II. Other Information</u></b>	
<b><u>Item 1.</u></b>	
<b><u>Legal Proceedings</u></b>	26
<b><u>Item 1A.</u></b>	
<b><u>Risk Factors</u></b>	26
<b><u>Item 2.</u></b>	
<b><u>Unregistered Sales of Equity Securities and Use of Proceeds</u></b>	26
<b><u>Item 3.</u></b>	
<b><u>Defaults upon Senior Securities</u></b>	26
<b><u>Item 4.</u></b>	
<b><u>Submission of Matters to a Vote of Security Holders</u></b>	26
<b><u>Item 5.</u></b>	
<b><u>Other Information</u></b>	26
<b><u>Item 6.</u></b>	
<b><u>Exhibits</u></b>	27
<b><u>Signatures</u></b>	28



Table of Contents**Part I. Financial Information****Item 1. Financial Statements****Vital Images, Inc.****Condensed Consolidated Balance Sheets****(In thousands, except per share amounts)  
(Unaudited)**

	September 30, 2009	December 31, 2008
<b>Assets</b>		
Current assets:		
Cash and cash equivalents	\$ 118,311	\$ 109,706
Marketable securities	6,683	37,287
Accounts receivable, net	12,552	13,047
Deferred income taxes		654
Prepaid expenses and other current assets	2,134	2,179
Total current assets	139,680	162,873
Marketable securities	15,278	
Property and equipment, net	6,168	11,519
Deferred income taxes		13,904
Other intangible assets, net	472	808
Goodwill	9,089	9,089
Total assets	\$ 170,687	\$ 198,193
<b>Liabilities and Stockholders Equity</b>		
Current liabilities:		
Accounts payable	\$ 2,710	\$ 3,792
Accrued compensation	2,741	2,936
Accrued royalties	621	1,057
Other current liabilities	2,095	1,947
Deferred revenue	14,972	17,724
Total current liabilities	23,139	27,456
Deferred revenue	862	1,164
Deferred rent	572	882
Total liabilities	24,573	29,502
Commitments and contingencies (Note 12)		
Stockholders equity:		
Preferred stock: \$0.01 par value; 5,000 shares authorized; none issued or outstanding		
Common stock: \$0.01 par value; 40,000 shares authorized; 14,291 issued and outstanding as of September 30, 2009; and 14,673 shares issued and outstanding as of December 31, 2008		
	143	147
Additional paid-in capital	166,806	168,738
Accumulated deficit	(21,002)	(380)

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Accumulated other comprehensive income	167	186
Total stockholders' equity	146,114	168,691
Total liabilities and stockholders' equity	\$ 170,687	\$ 198,193

The accompanying notes are an integral part of the Condensed Consolidated Financial Statements.

Table of Contents

## Vital Images, Inc.

## Condensed Consolidated Statements of Operations

(In thousands, except per share amounts)  
(Unaudited)

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2009	2008	2009	2008
<b>Revenue:</b>				
License fees	\$ 5,624	\$ 9,114	\$ 16,183	\$ 26,178
Maintenance and services	8,274	8,157	25,206	23,502
Hardware	402	408	1,074	1,023
<b>Total revenue</b>	<b>14,300</b>	<b>17,679</b>	<b>42,463</b>	<b>50,703</b>
<b>Cost of revenue:</b>				
License fees	749	1,181	2,277	3,345
Maintenance and services	2,351	2,561	6,996	7,612
Hardware	364	318	997	624
<b>Total cost of revenue</b>	<b>3,464</b>	<b>4,060</b>	<b>10,270</b>	<b>11,581</b>
<b>Gross profit</b>	<b>10,836</b>	<b>13,619</b>	<b>32,193</b>	<b>39,122</b>
<b>Operating expenses:</b>				
Sales and marketing	5,200	6,298	16,127	21,207
Research and development	4,245	5,422	12,200	15,738
General and administrative	2,405	3,348	7,645	9,935
Asset impairment (Note 4)			3,147	
<b>Total operating expenses</b>	<b>11,850</b>	<b>15,068</b>	<b>39,119</b>	<b>46,880</b>
<b>Operating loss</b>	<b>(1,014)</b>	<b>(1,449)</b>	<b>(6,926)</b>	<b>(7,758)</b>
Interest income	200	1,012	960	3,856
Loss before income taxes	(814)	(437)	(5,966)	(3,902)
Provision (benefit) for income taxes	(64)	(194)	14,656	(1,488)
<b>Net loss</b>	<b>\$ (750)</b>	<b>\$ (243)</b>	<b>\$ (20,622)</b>	<b>\$ (2,414)</b>
<b>Net loss per share - basic and diluted</b>	<b>\$ (0.05)</b>	<b>\$ (0.02)</b>	<b>\$ (1.44)</b>	<b>\$ (0.15)</b>
<b>Weighted average common shares outstanding - basic and diluted</b>	<b>14,204</b>	<b>15,711</b>	<b>14,336</b>	<b>16,535</b>

The accompanying notes are an integral part of the Condensed Consolidated Financial Statements.



Table of Contents

## Vital Images, Inc.

## Condensed Consolidated Statements of Cash Flows

(In thousands)  
(Unaudited)

	For the Nine Months Ended September 30,	
	2009	2008
Cash flows from operating activities:		
Net loss	\$ (20,622)	\$ (2,414)
Adjustments to reconcile net loss to net cash provided by operating activities:		
Depreciation and amortization of property and equipment	3,747	3,679
Amortization of identified intangibles	336	783
Loss on disposal of assets	112	
Asset impairment (Note 4)	3,147	
Provision for doubtful accounts	141	391
Deferred income taxes	14,664	(1,488)
Excess tax benefit from stock transactions		(317)
Amortization of discount and accretion of premium on marketable securities	241	(538)
Employee stock-based compensation	2,926	3,864
Amortization of deferred rent	(296)	(280)
Changes in operating assets and liabilities:		
Accounts receivable	354	1,168
Prepaid expenses and other assets	45	(282)
Accounts payable	(793)	349
Accrued expenses and other liabilities	(596)	584
Deferred revenue	(3,054)	835
Net cash provided by operating activities	352	6,334
Cash flows from investing activities:		
Purchases of property and equipment	(1,944)	(3,994)
Purchases of marketable securities	(21,749)	(76,313)
Proceeds from maturities of marketable securities	36,709	48,857
Proceeds from sale of marketable securities		1,581
Net cash provided by (used in) investing activities	13,016	(29,869)
Cash flows from financing activities:		
Repurchases of common stock	(6,081)	(25,383)
Proceeds from sale of common stock under stock plans	1,318	1,713
Excess tax benefit from stock transactions		317
Net cash used in financing activities	(4,763)	(23,353)
Net increase (decrease) in cash and cash equivalents	8,605	(46,888)
Cash and cash equivalents, beginning of period	109,706	146,685
Cash and cash equivalents, end of period	\$ 118,311	\$ 99,797

The accompanying notes are an integral part of the Condensed Consolidated Financial Statements.



Table of Contents**Vital Images, Inc.****Notes to Condensed Consolidated Financial Statements (Unaudited)****1. Basis of presentation**

The accompanying unaudited Condensed Consolidated Financial Statements of Vital Images, Inc. (the Company) have been prepared in accordance with generally accepted accounting principles for interim financial information and with the instructions to Form 10-Q and Rule 10-01 of Regulation S-X. Accordingly, they do not include all of the information and notes required by accounting principles generally accepted in the United States of America. In the opinion of management, all adjustments, consisting only of normal recurring adjustments, for a fair statement have been included. Operating results for the three and nine months ended September 30, 2009 are not necessarily indicative of the results that may be expected for any subsequent quarter or for the year ending December 31, 2009. The December 31, 2008 condensed consolidated balance sheet information was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America. These financial statements should be read in conjunction with the financial statements and notes thereto included in the Company's Annual Report on Form 10-K for the year ended December 31, 2008.

The Condensed Consolidated Financial Statements include the accounts of the Company and its wholly-owned subsidiaries. All intercompany accounts and transactions have been eliminated. The Company views its operations and manages its business as one reportable segment - the development and marketing of software and related services for advanced visualization and analysis solutions for use by medical professionals in clinical analysis and therapy planning. Factors used to identify the Company's single operating segment include the financial information available for evaluation by the chief operating decision maker in making decisions about how to allocate resources and assess performance. The Company markets its products and services through a direct sales force, resellers and independent distributors in the United States and international markets.

The Company has evaluated subsequent events through the date the financial statements were issued, November 9, 2009.

Certain reclassifications have been made to prior period operating expense amounts in order to conform to the current period presentation. Specifically, expenses related to certain product development related activities were reclassified from general and administrative expense and sales and marketing expense to research and development expense and therefore had no effect on previously reported stockholder's equity, net loss, or net cash flows.

Operating expenses for the three and nine months ended September 30, 2008 as reported and as reclassified were as follows:

	For the Three Months Ended September 30, 2008		For the Nine Months Ended September 30, 2008	
	As Reported	As Reclassified	As Reported	As Reclassified
Operating expenses:				
Sales and marketing	\$ 6,962	\$ 6,298	\$ 23,130	\$ 21,207
Research and development	4,566	5,422	13,229	15,738

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General and administrative		3,540		3,348		10,521		9,935
Total operating expenses	\$	15,068	\$	15,068	\$	46,880	\$	46,880

Table of Contents**2. Significant customers and geographic data**

Significant customer revenue (dollars in thousands):

	For the Three Months Ended September 30,				For the Nine Months Ended September 30,			
	2009	2008	2009	2008	2009	2008	2009	2008
Toshiba Medical Systems Corporation	\$ 7,979	\$ 9,789	\$ 23,761	\$ 26,455				
Percentage of total revenue	56%	55%	56%	52%				

As of September 30, 2009 and December 31, 2008, Toshiba Medical Systems Corporation ( Toshiba ) accounted for 62% and 42% of accounts receivable, respectively. As of September 30, 2009 and December 31, 2008, McKesson Information Solutions LLC accounted for 16% and 7% of accounts receivable, respectively.

Revenue by geographic area is summarized as follows (dollars in thousands):

	For the Three Months Ended September 30,				For the Nine Months Ended September 30,			
	2009	2008	2009	2008	2009	2008	2009	2008
United States	\$ 9,516	\$ 11,996	\$ 28,195	\$ 37,207				
Europe	2,584	3,475	7,599	7,436				
Asia and Pacific	1,279	1,213	3,422	3,162				
Other foreign	921	995	3,247	2,898				
Total	\$ 14,300	\$ 17,679	\$ 42,463	\$ 50,703				
Export revenue as a percent of total revenue	33%	32%	34%	27%				

The Company's export sales are primarily negotiated, invoiced and paid in U.S. dollars, with a portion of sales transactions denominated in foreign currencies.

**3. Research and development**

In January 2009, the Company and Toshiba entered into a development agreement under which Toshiba provides funding in support of the Company's research and development efforts, and the parties work collaboratively to develop and deliver innovative technology advancements for Toshiba's medical equipment and the Company's advanced visualization software solutions. Software developed under the agreement is owned by the Company, and intellectual property in either party's possession that may be useful in the development efforts or that is produced during the development activities is subject to cross-licenses. For payments received under the agreement, the Company's policy is to offset research and development expense in the period in which the related costs are incurred. The agreement does not provide for recourse of payments previously offset against incurred expenses. The Company received payments of \$1,024,000 during the nine months ended September 30, 2009, and recognized credits of \$263,000 and \$768,000 during the three and nine months ended September 30, 2009,

respectively, to its research and development expense for reimbursement from Toshiba to offset the development costs the Company incurred during the respective periods under the agreement. The remaining unrecognized balance of \$256,000 was included in other current liabilities as of September 30, 2009 and will be recognized as a credit to research and development expense in future periods as the development costs are incurred.

#### **4. Asset impairment**

In 2007, the Company began the implementation of an enterprise resource planning ( ERP ) system. Phase 1 of the implementation, which related to the replacement of the Company s general ledger, was completed in 2007. The related capitalized costs are being depreciated over seven years and, as of September 30, 2009, the net book value of Phase 1 was \$659,000. Phase 2 of the implementation, which consisted of replacing the Company s various customer relationship management and order processing systems, was put on hold in 2008 in conjunction with the Company s cost-control efforts, and the Company has not capitalized any costs relating to Phase 2 since that time.

Table of Contents

During the three months ended June 30, 2009, the Company determined, in conjunction with continued cost-control measures, that it would not implement Phase 2. As a result, during the three months ended June 30, 2009, the Company recognized an asset impairment charge of \$3.1 million related to the costs that had been capitalized for the Phase 2 implementation.

## 5. Equity-based compensation

The following table illustrates how equity-based compensation was allocated to the statements of operations (in thousands):

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2009	2008	2009	2008
Cost of revenue	\$ 84	\$ 86	\$ 245	\$ 250
Sales and marketing	316	321	940	976
Research and development	233	332	698	971
General and administrative	319	583	1,043	1,667
Total equity-based compensation expense	\$ 952	\$ 1,322	\$ 2,926	\$ 3,864

As of September 30, 2009, approximately \$6.3 million of unrecognized compensation expense related to stock options was expected to be recognized over a weighted-average period of 2.8 years. As of September 30, 2009, approximately \$513,000 of unrecognized compensation expense related to restricted stock awards was expected to be recognized over a weighted-average period of 3.0 years.

The fair value of each option award is estimated on the date of grant using the Black-Scholes option valuation model. The Black-Scholes option valuation model requires the development of assumptions that are input into the model. These assumptions include the expected stock volatility, the risk-free interest rate, the option's expected life and the dividend yield on the underlying stock.

For purposes of calculating the fair value of options under applicable accounting standards, the weighted-average fair value of options granted was \$4.67 and \$3.73, respectively, for the three and nine months ended September 30, 2009 and \$5.66 and \$5.67 for the three and nine months ended September 30, 2008, respectively. The weighted-average fair values for the options were based on the fair values on the dates of grant. The fair values for the options were calculated using the Black-Scholes option-pricing model, with the following weighted-average assumptions and expense adjusted using the following expected forfeiture rate assumptions:

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2009	2008	2009	2008
Expected option life	3.75 years	3.75 years	3.69 years	3.75 years
Expected volatility factor	49%	45%	49%	46%
Expected dividend yield	0%	0%	0%	0%
Risk-free interest rate	2.05%	2.88%	1.67%	2.49%
Expected forfeiture rate	2%	2%	2%	1%





Table of Contents

The following table summarizes stock option activity for the nine months ended September 30, 2009:

	<b>Shares Underlying Options</b>
Total outstanding as of December 31, 2008	2,452,859
Options granted	573,220
Options exercised	(132,808)
Options cancelled	(194,101)
Total outstanding as of September 30, 2009	2,699,170

Options granted during the nine months ended September 30, 2009 primarily consisted of the Company's annual grant to employees during the three months ended March 31, 2009 and grants to new hires for the nine months ended September 30, 2009.

In the first quarter of 2007, the Company granted shares of restricted stock with performance-based vesting to certain employees. No equity-based compensation expense for the awards was recognized for the three and nine months ended September 30, 2009, as the Company did not consider achievement of the performance metrics to be probable. The cumulative amount of the expense related to these awards not recognized as of September 30, 2009 but that may be recognized in future periods if performance metrics are met was \$196,000.

## 6. Per share data

Basic net loss per share is computed using net loss and the weighted-average number of common shares outstanding. Diluted net loss per share reflects the weighted-average number of common shares outstanding plus any potentially dilutive shares outstanding during the period. Potentially dilutive shares consist of shares issuable upon the exercise of stock options, as well as unvested restricted stock.

For the three and nine months ended September 30, 2009 and 2008, common share equivalents are not included in the diluted net loss per share calculations because they were antidilutive. Shares subject to antidilutive stock options and restricted stock awards excluded from net loss per share totaled 2.8 million for the three and nine months ended September 30, 2009 and 2.6 million for the three and nine months ended September 30, 2008.

## 7. Comprehensive income (loss)

Comprehensive income (loss) includes net income (loss) and items defined as other comprehensive income. Accounting standards require that items defined as other comprehensive income (loss), such as unrealized gains and losses on certain marketable securities, be separately classified in the financial statements. Such items are reported in the consolidated statements of stockholders' equity as comprehensive income (loss).

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The components of comprehensive loss were as follows (in thousands):

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2009	2008	2009	2008
Net loss	\$ (750)	\$ (243)	\$ (20,622)	\$ (2,414)
Other comprehensive income (loss):				
Net change in unrealized gain or loss on available-for-sale investments, net of tax	25	(48)	(19)	(105)
Comprehensive loss	\$ (725)	\$ (291)	\$ (20,641)	\$ (2,519)

Table of Contents**8. Fair value measurements**

The following table provides the assets and liabilities carried at fair value measured on a recurring basis as of September 30, 2009 and December 31, 2008 (in thousands):

	Total Carrying Value at September 30, 2009	Fair Value Measurements at September 30, 2009 Using		
		Quoted price in active markets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
Cash equivalents:				
Money market	\$ 114,678	\$ 114,678	\$	\$
Marketable securities:				
Corporate debt	16,971	16,927	44	
Government debt	4,990	4,990		
Total marketable securities	21,961	21,917	44	
Total cash equivalents and marketable securities	\$ 136,639	\$ 136,595	\$ 44	\$

	Total Carrying Value at December 31, 2008	Fair Value Measurements at December 31, 2008 Using		
		Quoted price in active markets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
Cash equivalents:				
Money market	\$ 108,102	\$ 108,102	\$	\$
Marketable securities:				
Corporate debt	2,255	1,998	257	
Government debt	35,032	35,032		
Total marketable securities	37,287	37,030	257	
Total cash equivalents and marketable securities	\$ 145,389	\$ 145,132	\$ 257	\$

Cash equivalents and marketable securities measured at fair value using quoted market prices are classified within Level 1 of the valuation hierarchy.

Marketable securities classified within Level 2 of the valuation hierarchy consist of an asset-backed security. The valuation of this asset-backed security is determined by reviewing quoted market prices for traded lots of the same or similar securities. This security is rated AAA and is current on scheduled pay-downs, with expected full maturity within the next 12 months. The Company did not consider this investment to be other than temporarily impaired as of September 30, 2009.

Table of Contents**9. Other intangible assets**

Acquired intangible assets subject to amortization were as follows (in thousands):

	September 30, 2009			December 31, 2008		
	Gross Carrying Value	Accumulated Amortization	Net Carrying Value	Gross Carrying Value	Accumulated Amortization	Net Carrying Value
Existing software technology	\$ 3,400	\$ (3,400)	\$	\$ 3,400	\$ (3,334)	\$ 66
Patents and patent applications	2,500	(2,028)	472	2,500	(1,758)	742
Total intangible assets subject to amortization	\$ 5,900	\$ (5,428)	\$ 472	\$ 5,900	\$ (5,092)	\$ 808

Intangible assets subject to amortization are amortized on a straight-line basis over the estimated period of benefit. Amortization expense related to other intangible assets was \$90,000 and \$261,000 for the three months ended September 30, 2009 and 2008, respectively, and \$336,000 and \$783,000 for the nine months ended September 30, 2009 and 2008, respectively. As of September 30, 2009, fully amortized existing software technology was still in use.

The estimated future amortization expense for identified intangible assets as of September 30, 2009 is as follows (in thousands):

Remainder of 2009	\$	90
2010		360
2011		22
Total	\$	472

The preceding expected amortization expense is an estimate. Actual amortization expense may differ from estimates due to any additional intangible asset acquisitions, impairment of intangible assets, accelerated amortization of intangible assets and other events.

**10. Deferred revenue**

The components of deferred revenue were as follows:

	September 30, 2009	December 31, 2008
Maintenance and support	\$ 12,635	\$ 13,912
Customer education	1,973	3,034
Professional services	587	788

Software		92		616
Hardware and other		547		538
Total deferred revenue		15,834		18,888
Less current portion		(14,972)		(17,724)
Long-term portion of deferred revenue	\$	862	\$	1,164

#### 11. Income taxes

During the three months ended June 30, 2009, the Company established a full valuation allowance against its deferred tax assets. During the three months ended September 30, 2009, the Company recognized a tax benefit of \$64,000, which consisted of a one-time \$100,000 tax benefit related to the monetization of certain historic research and development tax credits as a result of the Housing and Economic Recovery Act of 2008, offset in part by a \$36,000 tax provision relating to foreign operations.

#### 12. Commitments and contingencies

Under general contract terms, the Company often includes provisions in its software license agreements under which the Company agrees to indemnify its customers against liability and damages arising from claims of patent, copyright, trademark or trade secret infringement by the Company's software. The Company has not incurred any

Table of Contents

material costs as a result of this type of indemnification clause, and the Company does not maintain a product warranty liability related to such indemnification clauses.

The Company has entered into various employment agreements with certain executives of the Company, which include provisions for severance payments subject to certain conditions and events.

The Company is involved in various claims and legal actions in the normal course of business. The outcome of such legal actions, even if unfavorable, will not have a significant adverse effect on the Company's financial position, results of operations or cash flows.

**13. Share repurchase programs**

During 2008, the Company's Board of Directors approved a share repurchase program, which authorized open market transactions of up to \$40.0 million, including fees and expenses, of the Company's common stock. The program authorized management to repurchase shares from time to time, depending on market conditions. During the first quarter of 2009, the Company purchased 149,287 shares for \$1.8 million under the program. The Company completed the \$40.0 million share repurchase program on February 6, 2009, having repurchased an aggregate of 2.9 million shares under the program.

On March 3, 2009, the Company announced an additional share repurchase program, authorizing the repurchase of up to an additional 1.0 million shares on the open market. The Company completed stock repurchases under this program of 30,485 shares for \$323,000 during the three months ended September 30, 2009 and 412,392 shares for \$4.3 million during the nine months ended September 30, 2009, inclusive of fees and expenses.

At the time of repurchase, shares are returned to the status of authorized and unissued shares. The Company has accounted for the repurchases as constructively retired and recorded such repurchases as a reduction of common stock and additional paid-in capital.

**14. New accounting pronouncements**

In October 2009, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2009-13, *Multiple-Deliverable Revenue Arrangements - a consensus of the FASB Emerging Issues Task Force*, that provides amendments to the criteria for separating consideration in multiple-deliverable arrangements. The ASU does not apply to arrangements for which industry specific allocation and measurement guidance exists, such as long-term construction contracts and software transactions. ASU No. 2009-13 is effective for the Company beginning January 1, 2011. The Company may elect to adopt the provisions prospectively to new or materially modified arrangements beginning on the effective date or retrospectively for all periods presented. The Company does not expect that the adoption of this standard will have a material impact on the Company's consolidated financial statements.

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In October 2009, the FASB issued ASU No. 2009-14, *Certain Revenue Arrangements That Include Software Elements* a consensus of the FASB Emerging Issues Task Force, that reduces the types of transactions that fall within the current scope of software revenue recognition guidance. Existing software revenue recognition guidance requires that its provisions be applied to an entire arrangement when the sale of any products or services containing or utilizing software when the software is considered more than incidental to the product or service. The ASU also provides guidance on how to allocate transaction consideration when an arrangement contains both deliverables within the scope of software revenue guidance (software deliverables) and deliverables not within the scope of that guidance (non-software deliverables). ASU No. 2009-14 is effective for the Company beginning January 1, 2011. The Company may elect to adopt the provisions prospectively to new or materially modified arrangements beginning on the effective date or retrospectively for all periods presented. However, the Company must elect the same transition method for this guidance as that chosen for ASU No. 2009-13. The Company does not expect that the adoption of this standard will have a material impact on the Company's consolidated financial statements.

Table of Contents

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

**Executive summary**

The financial results for Vital Images, Inc. (also referred to as we, us and our) have continued to be affected by the general decline in the U.S. economy, which has resulted in contracted capital spending by U.S. hospitals and lower interest rates on our cash and investments. Additionally, we have been impacted by weakness in the high-end computed tomography, or CT, and picture archiving and communication systems, or PACS, markets.

Revenue decreased for the three months ended September 30, 2009, compared to the same period in 2008, reflecting the markets' continued weakness. Operating expenses for the 2009 third quarter decreased as well, as we experienced lower compensation costs, compared to the same period in 2008, resulting primarily from our 11% workforce reduction in November 2008 and other cost-control measures.

- Revenue for the 2009 third quarter decreased 19% to \$14.3 million, compared to \$17.7 million for the third quarter of 2008.
- Gross margin was 76%, compared to 77% for the third quarter of 2008.
- Loss before income taxes was \$(814,000), compared to \$(437,000) for the third quarter of 2008.
- Net loss was \$(750,000), or \$(0.05) per diluted share, compared to \$(243,000) or \$(0.02) per diluted share, for the third quarter of 2008.

Revenue decreased for the nine months ended September 30, 2009, compared to the same period in 2008, reflecting the markets' continued weakness. Sales and marketing, research and development, and general and administrative expenses for the nine months ended September 30, 2009 decreased as we experienced lower compensation costs, compared to the same period in 2008, resulting primarily from our 11% workforce reduction in November 2008 and other cost-control measures.

- Revenue decreased 16% to \$42.5 million, compared to \$50.7 million for the first nine months of 2008.
- Gross margin was 76%, compared to 77% for the first nine months of 2008.



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- Loss before income taxes was \$(6.0) million, compared to \$(3.9) million for the first nine months of 2008.
- Net loss was \$(20.6) million, or \$(1.44) per diluted share, compared to \$(2.4) million, or \$(0.15) per diluted share, for the first nine months of 2008.
- Non-cash charges totaling \$18.1 million for the first nine months of 2009 consisted of a \$15.0 million valuation allowance against our deferred tax assets and a \$3.1 million write-off relating to the unimplemented portion of our enterprise resource planning system as a result of our cost-control efforts.

Total cash, cash equivalents and marketable securities were \$140.3 million as of September 30, 2009, compared to \$141.1 million as of June 30, 2009 and \$147.0 million as of December 31, 2008. Working capital (defined as current assets less current liabilities) was \$116.5 million as of September 30, 2009, an increase from \$113.9 million as of June 30, 2009 and a decrease from \$135.4 million as of December 31, 2008. The decrease in cash, cash equivalents and marketable securities during the three and nine months ended September 30, 2009 was primarily the result of repurchases of our common stock totaling \$323,000 and \$6.1 million, respectively, under our share repurchase programs, a decrease in interest earned on our marketable securities, and the timing of payment of accounts receivable, which may fluctuate in any quarter. The decrease in working capital during the nine months ended September 30, 2009 was due primarily to 2009 purchases of marketable securities totaling \$15.1 million classified as noncurrent as of September 30, 2009.

Table of Contents

**Overview**

We are a leading provider of advanced visualization and analysis solutions for use by medical professionals in clinical analysis and therapy planning. We provide software, customer education, software maintenance and support, professional services and, on occasion, third-party hardware to our customers. Our technology rapidly transforms complex data generated by diagnostic imaging equipment into functional digital images that can be manipulated and analyzed using our specialized applications to better understand internal anatomy and pathology. Our solutions are designed to improve the cost, quality and accessibility of health care by improving physician workflow and productivity, enhancing the ability to make clinical decisions, facilitating less invasive patient care, and complementing often significant capital investments in diagnostic imaging equipment made by our customers. Our software is compatible with equipment from all major manufacturers of diagnostic imaging equipment, such as CT scanners, and can be integrated into PACS. Many hospitals use PACS to acquire, distribute and archive medical images and diagnostic reports, reducing the need for film and increasing reliance on advanced visualization solutions such as ours. We also offer a Web-based solution that provides physicians with anywhere, anytime access to medical images and visualization tools through any Internet-enabled computer.

We operate and manage our business as a single business segment – the development and marketing of software and related services for advanced visualization and analysis solutions for use by medical professionals in clinical analysis and therapy planning. We market our products and services through a direct sales force, resellers and independent distributors in the United States and in international markets. Our common stock is currently traded on The NASDAQ Global Select Market under the symbol VTAL.

**Critical accounting policies and estimates**

Our discussion and analysis of financial condition and results of operations are based upon our Condensed Consolidated Financial Statements, which have been prepared in accordance with accounting principles generally accepted in the United States of America. We have adopted various accounting policies to prepare the Condensed Consolidated Financial Statements in accordance with accounting principles generally accepted in the United States of America. The most significant accounting policies are disclosed in Note 2 to the Consolidated Financial Statements included in our Annual Report on Form 10-K for the year ended December 31, 2008. The preparation of these financial statements requires us 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 periods. Actual results could differ from those estimates. We continually evaluate our critical accounting policies and estimates. We discuss our critical accounting estimates in Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations in our Annual Report on Form 10-K for the fiscal year ended December 31, 2008. We did not have any significant changes in our critical accounting policies or estimates since December 31, 2008.

Table of Contents**Results of Operations**

The following table sets forth information from our Condensed Consolidated Statements of Operations, expressed as a percentage of total revenue.

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2009	2008	2009	2008
<b>Revenue:</b>				
License fees	39.3%	51.6%	38.1%	51.6%
Maintenance and services	57.9	46.1	59.4	46.4
Hardware	2.8	2.3	2.5	2.0
Total revenue	100.0	100.0	100.0	100.0
<b>Cost of revenue:</b>				
License fees	5.2	6.7	5.4	6.6
Maintenance and services	16.4	14.5	16.5	15.0
Hardware	2.5	1.8	2.3	1.2
Total cost of revenue	24.1	23.0	24.2	22.8
Gross profit	75.9	77.0	75.8	77.2
<b>Operating expenses:</b>				
Sales and marketing	36.4	35.6	38.0	41.8
Research and development	29.7	30.7	28.7	31.1
General and administrative	16.8	18.9	18.0	19.6
Asset impairment			7.4	
Total operating expenses	82.9	85.2	92.1	92.5
Operating loss	(7.0)	(8.2)	(16.3)	(15.3)
Interest income	1.4	5.7	2.2	7.6
Loss before income taxes	(5.6)	(2.5)	(14.1)	(7.7)
Provision (benefit) for income taxes	(0.4)	(1.1)	34.5	(2.9)
Net loss	(5.2)%	(1.4)%	(48.6)%	(4.8)%

**Revenue**

A comparison of revenue by category is as follows (dollars in thousands):

	For the Three Months Ended September 30,		Change	For the Nine Months Ended September 30,	
	2009	2008		2009	2008