UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FO	RM	10-	0
			•

		_	
×	~	JANT TO SECTION 13 OR 15(d) OF THE XCHANGE ACT OF 1934	
	for the quarterly period e	ended January 31, 2010.	
	OI	R	
		JANT TO SECTION 13 OR 15(d) OF THE XCHANGE ACT OF 1934	
for the	e transition period from	to	
	Commission File N	Tumber 001-13543	
	ANGEION CO (Exact name of registrant a		
	Minnesota ate or other jurisdiction of orporation or organization)	41-1579150 (IRS Employer Identification No.)	
	350 Oak Grove Parkway, Saint (Address of principal		
	Registrant's telephone number, inc	eluding area code: (651) 484-4874	
the Securities E	xchange Act of 1934 during the preceding 1 file such reports), and (2) has been subject t	all reports required to be filed by Section 13 or 15(d) of 12 months (or for such shorter period that the registran to such filing requirements for the past 90 days.	
filer. See definit	tion of "accelerated filer" and "large acceler	relerated filer, an accelerated filer or a non-accelerated rated filer" in Rule 12b-2 of the Exchange Act: Accelerated Filer Smaller Reporting Company	I
Indicate by chec Yes □		npany (as defined in Rule 12b-2 of the Exchange Act).	

TABLE OF CONTENTS

PART I – FINANCIAL INFORMATION

Item 1.	Financial Statements (unaudited)	3
Item 2.	Management's Discussion and Analysis of Financial Condition and Results of Operations	13
Item 3.	Quantitative and Qualitative Disclosures about Market Risk	17
Item 4T.	Controls and Procedures	17
PART II -	OTHER INFORMATION	
Item 1.	Legal Proceedings	18
Item 1A.	Risk Factors	18
Item 2.	Unregistered Sales of Equity Securities and Use of Proceeds	18
Item 3.	Defaults Upon Senior Securities	18
Item 4.	Other Information	18
Item 5.	Exhibits	19
<u>SIGNATU</u>	<u>URES</u>	20

2

Table of Contents

PART I - FINANCIAL INFORMATION

Item 1. Financial Statements.

ANGEION CORPORATION AND SUBSIDIARIES

Consolidated Balance Sheets January 31, 2010 and October 31, 2009

(in thousands except share and per share data)

	January 31, 2010		0	ctober 31, 2009
	(u	naudited)		
Assets				
Current assets:				
Cash and cash equivalents	\$	10,504	\$	11,219
Accounts receivable, net of allowance for doubtful accounts of \$131 and \$110,				
respectively		4,634		4,510
Inventories, net of obsolescence reserve of \$724 and \$645, respectively		4,077		4,371
Prepaid expenses and other current assets		132		243

Total current assets	19,347	20,343
Property and equipment, net of accumulated depreciation of \$3,389 and \$3,305,		
respectively	684	698
Intangible assets, net	1,332	1,422
Total Assets	\$ 21,363	\$ 22,463
Liabilities and Shareholders' Equity		
Current liabilities:		
Accounts payable	\$ 1,768	\$ 1,771
Employee compensation	1,071	1,375
Deferred income	1,406	1,579
Warranty reserve	145	143
Other current liabilities and accrued expenses	300	323
Total current liabilities	4,690	5,191
Long-term liabilities:		
Long-term deferred income and other	706	718
Total Liabilities	 5,396	5,909
Shareholders' equity:		
Common stock, \$0.10 par value, authorized 25,000,000 shares, 4,387,510 and 4,380,817 shares issued and 4,157,066 and 4,150,371 shares outstanding 2010		
and 2009, respectively	416	415
Additional paid-in capital	22,059	21,821
Accumulated deficit	(6,508)	(5,682)
Total shareholders' equity	15,967	16,554
Commitments and contingencies (Note 9)	_	_
Total Liabilities and Shareholders' Equity	\$ 21,363	\$ 22,463

See accompanying notes to consolidated financial statements.

3

Table of Contents

ANGEION CORPORATION AND SUBSIDIARIES

Consolidated Statements of Operations

(in thousands except per share amounts)

		Three Months Ended		
	January 31,			
	2010		2009	
Revenues				
Equipment and supply sales	\$	5,790	\$	5,570
Service revenue		825		861
		6,615		6,431
Cost of revenues				
Cost of equipment and supplies		3,151		3,048

Cost of service revenue	97	81
	3,248	3,129
Gross margin	3,367	3,302
Operating expenses:		
Selling and marketing	1,942	1,798
General and administrative	1,102	1,154
Research and development	1,039	787
Amortization of intangibles	105	182
	4,188	3,921
Operating loss	(821)	(619)
Interest income	3	4
Loss before taxes	(818)	(615)
Provision for taxes	8	7
Net loss	\$ (826)	\$ (622)
Loss per share - basic		
Net loss per share	\$ (0.20)	\$ (0.15)
Loss per share - diluted		
Net loss per share	\$ (0.20)	\$ (0.15)
Weighted average common shares outstanding		
Basic	4,153	4,101
Diluted	4,153	4,101

See accompanying notes to consolidated financial statements.

4

Table of Contents

ANGEION CORPORATION AND SUBSIDIARIES Consolidated Statements of Cash Flows

(in thousands)

	Three months ended January 31,				
		2010		2009	
Cash Flows From Operating Activities:	· · · · · · · · · · · · · · · · · · ·				
Net loss	\$	(826)	\$	(622)	
Adjustments to reconcile net loss to net cash used in operating activities:					
Depreciation and amortization		195		293	
Stock-based compensation		222		182	
Increase in inventory obsolescence reserve		79		107	
Increase / (decrease) in allowance for doubtful accounts		21		(102)	
Changes in operating assets and liabilities:					

Accounts receivable	(145)	48
Inventories	238	(59)
Prepaid expenses and other current assets	111	79
Accounts payable	(3)	(17)
Employee compensation	(304)	(165)
Deferred income	(211)	(137)
Warranty reserve	2	(2)
Other current liabilities and accrued expenses	(23)	(29)
Net cash used in operating activities	(644)	(424)
Cash Flows From Investing Activities:		
Purchase of property and equipment and intangible assets	(88)	(24)
Net cash used in investing activities	(88)	(24)
Cash Flows From Financing Activities:		
Borrowings under bank line of credit		
Payments under bank line of credit		
Proceeds from issuance of common stock under employee stock purchase plan	10	11
Proceeds from the exercise of stock options	7	63
Proceeds from the exercise of warrants		
Tax benefit from stock options exercised	—	
Net cash provided by financing activities	17	74
Net decrease in cash and cash equivalents	(715)	(374)
Cash and cash equivalents at beginning of period	11,219	9,047
Cash and cash equivalents at end of period	\$ 10,504	\$ 8,673

See accompanying notes to consolidated financial statements.

5

Table of Contents

ANGEION CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

1. Basis of Presentation and Description of Business

Angeion Corporation (the "Company"), through its Medical Graphics Corporation subsidiary, designs and markets non-invasive cardiorespiratory diagnostic systems that are sold under the MedGraphics and New Leaf brand and trade names. These cardiorespiratory diagnostic systems have a wide range of applications in healthcare, wellness, and health and fitness.

The consolidated balance sheet as of January 31, 2010, the consolidated statements of operations and cash flows for the three months ended January 31, 2010 and 2009, and the related information presented in these notes have been prepared by management in accordance with U.S. generally accepted accounting principles for interim

financial information and with the instructions to Form 10-Q and Rule 10-01 of Regulation S-X, without audit. Accordingly, they do not include all of the information and notes required by U.S. generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments considered necessary for a fair presentation of results have been included. The consolidated balance sheet at October 31, 2009 was derived from the audited consolidated financial statements as of that date. Operating results for the three months ended January 31, 2010 are not necessarily indicative of the results that may be expected for the year ending October 31, 2010. For further information, refer to the consolidated financial statements and notes thereto included in Angeion Corporation's Annual Report on Form 10-K for the year ended October 31, 2009.

Comprehensive income (loss) is a measure of all non-owner changes in shareholders' equity and includes items such as net income, certain foreign currency translation items, minimum pension liability adjustments and changes in the value of available-for-sale securities. For the three months ended January 31, 2010 and 2009, comprehensive income (loss) for Angeion Corporation was equivalent to net income (loss) as reported.

Preparation of the consolidated financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities made in the consolidated financial statements and accompanying notes. Actual results could differ from those estimates. Estimates include accounts receivable, product warranty and inventory reserves, valuation of stock options and related stock-based compensation, and depreciable lives of property, equipment and intangible assets.

The Company determined there were no subsequent events which required recognition or disclosure in these consolidated financial statements.

2. Revenue Recognition

The Company recognizes revenue when persuasive evidence of an arrangement exists, transfer of title has occurred or services have been rendered, the selling price is fixed or determinable and collectability is reasonably assured. The Company's products are sold for cash or on credit terms requiring payment based on the shipment date. Credit terms can vary between customers due to many factors, but are generally 30-60 days. Revenue, net of discounts, is recognized upon shipment or delivery to customers in accordance with written sales terms. Standard sales terms do not include customer acceptance conditions, future credits, rebates, price protection or general rights of return. The terms of sales to both domestic customers and international distributors are identical. In instances when a customer order specifies final acceptance of the system, revenue is deferred until all customer acceptance criteria have been met. Estimated warranty obligations are recorded upon shipment.

6

Table of Contents

Service contract revenue is based on a stated contractual rate and is deferred and recognized ratably over the service period, which is typically from one to four years. Deferred income associated with service contracts and supplies was \$1,933,000 and \$2,022,000 at January 31, 2010 and October 31, 2009, respectively. Revenue from installation and training services provided to customers is deferred until the service has been performed. The amount of deferred installation and training revenue was \$117,000 and \$131,000 at January 31, 2010 and October 31, 2009, respectively.

When a sale involves multiple deliverables, such as equipment, installation services and training, the amount of the consideration from an arrangement is allocated to each respective element based on the residual method and recognized as revenue when revenue recognition criteria for each element is met. Consideration allocated to delivered equipment is equal to the total arrangement consideration less the fair value of installation and training. The fair value of installation and training services is based on specific objective evidence, including third-party invoices.

No customer accounted for more than 10% of revenue for the quarters ended January 31, 2010 and 2009.

Advance Payments from Customers

The Company typically does not receive advance payments from its customers in connection with the sale of its products. The Company occasionally enters into an arrangement under which a customer agrees to purchase a large quantity of product that is to be delivered over a period of time. Depending on the size of these arrangements, the Company may negotiate an advance payment from these customers. At January 31, 2010, advance payments from customers aggregated \$50,000, of which \$43,000 was from a single customer, and at October 31, 2009, advance payments from customers aggregated \$144,000, of which \$81,000 was from a single customer. Revenue recognition for customer orders that include advance payments is consistent with the Company's revenue recognition policy described above.

3. Share-Based Compensation and Stock Options

The Angeion Corporation 2007 Stock Incentive Plan (the "2007 Plan") and the Angeion Corporation 2002 Stock Option Plan (the "2002 Plan") both provide that incentive stock options and nonqualified stock options to purchase shares of common stock may be granted at prices determined by the Compensation Committee, except that the purchase price of incentive stock options may not be less than the fair market value of the stock at date of grant. Under the 2007 Plan, all options expire no later than seven years from the grant date while under the 2002 Plan, all options expire no later than ten years from the grant date. Options under both plans are subject to various vesting schedules. In addition, the 2007 Plan allows the granting of restricted stock awards, stock appreciation rights and performance stock.

Total share-based compensation expense included in the Company's statement of operations for the three months ended January 31, 2010 and 2009 was \$222,000 and \$182,000, respectively.

7

Table of Contents

Stock Options

	For the quarter ended							
	January	January 31, 2010			January 31, 2009			
	Shares	A E	eighted verage xercise Price	Shares		eighted verage xercise Price		
Outstanding at beginning of period	695,787	\$	6.13	730,953	\$	5.96		
Granted	_		_	_		_		
Exercised	(3,000)		2.00	(25,000)		2.53		

Expired or cancelled	(20,300)	7.18		_
Outstanding at end of period	672,487	\$ 6.12	705,953	\$ 6.08

The following table summarizes information concerning stock options outstanding as of January 31, 2010:

 Exercise Prices	Number Outstanding	Weighted Average Remaining Contractual Life	Weighted Average Exercise Price	Number Subject to Exercise
\$ 2.00	8,650	3.68	\$ 2.00	8,650
2.53	62,000	4.88	2.53	62,000
5.08	84,000	5.14	5.08	84,000
5.16	48,834	5.57	5.16	16,347
5.66	90,000	5.30	5.66	30,003
6.23	76,500	3.55	6.23	76,500
6.60	71,583	4.41	6.60	52,175
7.08	10,000	5.17	7.08	3,334
7.79	74,500	3.68	7.79	74,500
7.81	2,000	4.76	7.81	1,334
7.86	144,420	4.75	7.86	96,290
Total	672,487	4.65	\$ 6.12	505,133

The total intrinsic value of options exercised during the three months ended January 31, 2010 and 2009 was \$5,000 and \$15,000, respectively. The total intrinsic value of options outstanding and exercisable at January 31, 2010 was \$96,000, which was calculated using the closing stock price of \$3.83 as of January 29, 2010 (the last trading day of the quarter) less the option price of in-the-money options. The Company issues new shares when stock options are exercised. Cash received from the exercise of stock options for the three months ended January 31, 2010 and 2009 was \$7,000 and \$63,000, respectively, and there was no related tax benefit realized due to the Company's current tax loss position. Unrecognized compensation expense related to outstanding stock options as of January 31, 2010 was \$502,000 and is expected to be recognized over a weighted average period of 1.07 years and will be adjusted for any future changes in estimated forfeitures.

Valuation Assumptions

The Company uses the Black-Scholes option-pricing model ("Black-Scholes model") to determine the fair value of stock options as of the grant date. The fair value of stock options under the Black-Scholes model requires management to make assumptions regarding projected employee stock option exercise behaviors, risk-free interest rates, volatility of the Company's stock price and expected dividends. The Company did not grant any options during the quarter ended January 31, 2010 or 2009.

8

Table of Contents

Restricted Stock Awards

On August 28, 2008 and June 3, 2009, the Board of Directors authorized the issuance of 74,667 and 180,668 restricted shares, respectively, of the Company's common stock. Restricted stock awards are awards of common stock that are subject to restrictions on transfer and to a risk of forfeiture if the awardee leaves the Company before the restrictions lapse. The holder of a restricted stock award is generally entitled at all times on and after the date of issuance of the restricted shares to exercise the rights of a shareholder of the Company, including the right to vote the shares. The value of each restricted stock award is established by the market price on the date of grant. The restricted stock awards will vest over a three-year period and are included in common stock issued as of the grant date. The Company did not grant any restricted stock awards during the quarter ended January 31, 2010 and 2009.

Unrecognized compensation expense related to outstanding restricted stock awards as of January 31, 2010 was \$571,000 and is expected to be recognized over a weighted average period of 2.10 years. The Company did not grant any restricted stock awards prior to fiscal year 2008.

The following table presents the statement of operations classification of pre-tax share-based compensation expense recognized for the three months ended January 31, 2010:

	Three months ended January 31,			
(In thousands)	2	010		2009
Cost of goods sold	\$	15	\$	13
Selling and marketing		46		35
General and administrative		137		114
Research and development		24		20
Share-based compensation expense	\$	222	\$	182

Employee Stock Purchase Plan

The Angeion Corporation 2003 Employee Stock Purchase Plan ("Stock Plan") allows participating employees to purchase shares of the Company's common stock at a discount through payroll deductions. The Stock Plan is available to all employees subject to certain eligibility requirements. Terms of the Stock Plan provide that participating employees may purchase the Company's common stock on a voluntary after tax basis. Employees may purchase the Company's common stock at a price that is no less than the lower of 85% of the fair market value of one share of common stock at the beginning or end of each stock purchase period or phase. The Company increased the price at which common stock may be purchased to 95% of the market value effective January 1, 2007. The Stock Plan is carried out in six-month phases, with phases beginning on January 1 and July 1 of each calendar year. For the phase that ended on December 31, 2009, employees purchased 3,695 shares at a price of \$2.80 per share. As of January 31, 2010, the Company has withheld approximately \$1,600 from employees participating in the phase that began on January 1, 2010. At January 31, 2010, approximately 56,655 shares of common stock were available for future purchase under the Stock Plan.

9

Table of Contents

4. Inventories

Inventories consisted of the following at January 31, 2010 and October 31, 2009:

(In thousands)	 2010	 2009	
Raw materials	\$ 1,365	\$ 1,602	

Work-in-Process	154	163
Finished goods	2,558	2,606
	\$ 4,077	\$ 4,371

5. Intangible Assets

Intangible assets consisted of the following at January 31, 2010 and October 31, 2009:

(In thousands)	2010		2009	
Intangible assets:				
Developed technology	\$ 6,777	\$	6,764	
Trademarks (unamortized)	61		59	
	\$ 6,838	\$	6,823	
Amortization – developed technology	(5,506)		(5,401)	
	\$ 1,332	\$	1,422	

The intangible assets are being amortized using the straight-line method over the estimated useful lives of the assets that range from seven to ten years. Amortization expense was \$105,000 for the quarter ended January 31, 2010 and \$182,000 for the same quarter in fiscal 2009. Estimated amortization expense for each of the succeeding fiscal years based on the intangible assets as of January 31, 2010 is as follows:

(In thousands)	Amortization	
Nine months ending October 31, 2010	\$	315
2011		421
2012		421
	\$	1,157

The above table does not include estimated amortization expense for patents of \$114,000, included in developed technology, that are not yet placed in service.

6. Warranty Reserve

Sales of the Company's equipment are subject to a warranty obligation. Equipment warranties typically extend for a period of twelve months from the date of installation. Standard warranty terms are included in customer contracts. Under the terms of these warranties, the Company is obligated to repair or replace any components or assemblies that it deems defective in workmanship or materials. The Company reserves the right to reject warranty claims where it determines that failure is due to normal wear, customer modifications, improper maintenance or misuse. The Company maintains a warranty reserve that reflects the estimated expenses that it will incur to honor the warranties on its products. The Company adjusts the warranty reserve based on the number and type of equipment that is subject to warranty, adjusted for the remaining months of warranty coverage. The warranty reserve adjustment reflects the Company's historical warranty experience based on type of equipment. Warranty provisions and claims for the three months ended January 31, 2010 and 2009 were as follows:

(In thousands)	2	010	 2009
Balance, beginning of period	\$	143	\$ 157
Warranty provisions		49	53
Warranty claims		(47)	(55)
Balance, end of period	\$	145	\$ 155

Table of Contents

7. Net Loss per Share

Basic loss per share is computed by dividing net loss by the weighted average shares outstanding during the reporting period. Diluted loss per share is computed similarly to basic loss per share except that in computing income per share the weighted average shares outstanding are increased to include additional shares from the assumed exercise of stock options or warrants, if dilutive. The number of additional shares is calculated by assuming that outstanding stock options or warrants were exercised and that the proceeds from the exercise were used to acquire shares of common stock at the average market price during the reporting period.

As a result of the net loss in first quarter 2010 and 2009, the outstanding stock options and unvested restricted stock shares were considered antidilutive and, therefore, were excluded from diluted earnings per share.

8. Income Taxes

The Company has recorded a provision for taxes from continuing operations of \$8,000 and \$7,000 for the three months ended January 31, 2010 and 2009, respectively. The Company believes it is more likely than not that the Company will report a year-to-date loss, therefore, no tax benefit was recorded.

The Company adopted the provisions of ASC 740-10, *Income Taxes Related to Accounting For Uncertainties in Income Taxes*, on November 1, 2007. At October 31, 2009, the reserve was \$35,200 and was not changed during the first quarter of fiscal 2010. The entire amount of the reserve related to uncertainties regarding income tax nexus with various states in which the Company operates. Included in the reserve is \$10,300 of estimated interest and penalties. The total amount of the reserve has increased the Company's effective tax rate, and would therefore decrease the effective tax rate if removed.

Estimated interest and penalties related to potential underpayment of income taxes are classified as a component of tax expense in the consolidated statement of operations. Although the Company believes the amount of reserves for uncertain tax positions may change in the next twelve months, the Company does not anticipate that the total reserve for uncertain tax positions will significantly change due to the settlement of audits and the expiration of statutes of limitations within the next twelve months.

The Company files a consolidated federal income tax return in the United States Federal jurisdiction and files various combined and separate tax returns in several state and local jurisdictions. With limited exceptions, the Company is no longer subject to U.S. Federal, state and local tax examinations by tax authorities for fiscal years ending prior to November 1, 2005. There is no statute of limitations for assessments related to jurisdictions where the Company may have nexus but has chosen not to file an income tax return.

The Company had a federal net operating loss carry forward at October 31, 2009 of approximately \$17.8 million. This amount is the remaining utilizable carry forward following the application of a limit due to an ownership change under Internal Revenue Code Section 382 that occurred as a result of a significant change in ownership that occurred during the fourth quarter of fiscal year 2006. If not used, these loss carry forwards will expire in the years 2010 through 2025. The Company also has \$109,000 of alternative minimum tax credit carry forwards that do not have expiration dates. Even though the Company has substantial federal net operating loss carry forwards, any income may still be subject to U.S. and State alternative minimum taxes.

The Company has recorded a full valuation allowance against its net deferred tax asset because it cannot demonstrate that it is more likely than not that the asset would be realized in the future. Although this determination was made in a prior fiscal year, it is still applicable as of January 31, 2010, and the Company will continue to assess the need for a full valuation allowance in future quarters. Any reduction of the valuation allowance related to post-bankruptcy net operating losses and other deferred tax assets would (i) first affect earnings as a reduction in the provision for taxes and (ii) thereafter, the remaining \$0.8 million would increase additional paid-in capital as these deferred tax assets represent employee stock-based compensation tax deductions included in the Company's net operating losses.

9. Litigation

The Company is also subject to certain claims and lawsuits that have been filed in the ordinary course of business. From time to time, the Company initiates lawsuits against others to enforce patents or to seek collection of debts in the ordinary course of business. There are no known current lawsuits or other litigation that involve the Company. It is management's opinion that the settlement of all litigation arising in the ordinary course of business would not have a material effect on the financial position, results of operations or liquidity of the Company.

12

Table of Contents

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

Overview

The Company, through its Medical Graphics Corporation subsidiary, designs and markets non-invasive cardio-respiratory diagnostic systems that are sold under the MedGraphics and New Leaf brand and trade names. These cardio-respiratory diagnostic systems have a wide range of applications in healthcare, wellness and health and fitness. Revenue consists of equipment and supply sales as well as service revenues. Equipment and supply sales reflect sales of non-invasive cardio-respiratory diagnostic equipment and aftermarket sales of peripherals and supplies. Service revenue consists of revenue from extended service contracts, non-warranty service visits and additional training.

During the first quarter of 2010, Angeion strengthened its marketing and sales teams by adding two new experienced professionals with backgrounds in the medical device market. The Company also initiated a sales and marketing program to establish a network of independent sales representatives and distributors that will market both MedGraphics supplies such as filters and low-cost MedGraphics equipment such as table-top and hand-held

spirometers. Angeion also is in the process of establishing an online web store to offer MedGraphics and New Leaf products over the internet.

Total revenue for the first quarter of 2010 was \$6.6 million, an increase of 2.9% from \$6.4 million in 2009. Operating expense for the first quarter of 2010 was \$4.2 million, an increase of 6.8% from \$3.9 million in 2009. Net loss for the quarter was \$826,000, or \$0.20 per share, compared to a net loss of \$622,000, or \$0.15 per diluted share, for the same period in 2009.

For a discussion of risks associated with our business, see the section entitled Forward Looking Statements on page 16 of this Form 10-Q.

Results of Operations

The following table contains selected information from the Company's consolidated statements of operations, expressed as a percentage of revenues:

		Three months ended January 31,		
	2010	2009		
Revenues	100.0%	100.0%		
Cost of revenue	49.1	48.7		
Gross margin	50.9	51.3		
Selling and marketing expenses	29.4	28.0		
General and administrative expenses	16.6	17.9		
Research and development expenses	15.7	12.2		
Amortization of intangibles	1.6	2.8		
Total operating expenses	63.3	60.9		
Operating loss	(12.4)	(9.6)		
Interest income	0.0	0.0		
Provision for taxes	0.1	0.1		
Net loss	(12.5)%	(9.7)%		

13

Table of Contents

The following paragraphs discuss the Company's performance for the three months ended January 31, 2010 and 2009.

Revenue

Total revenue for the three months ended January 31, 2010, increased by 2.9% compared to 2009. Domestic product revenue decreased 1.5%, international product revenue increased 17.3% and service revenue decreased 4.1%. International revenue increased as a result of the introduction of the CPX Express cardiopulmonary exercise system that was introduced late in fiscal 2009. The domestic business decreased slightly as a result of the challenge of the current economic environment where a number of hospitals and other health care providers continue to keep

tight controls on capital spending. The decline in service revenues was due to a 5.1% reduction in billable service revenue for the period ended January 31, 2010 compared to the prior year.

Gross Margin

Gross margin percentage for the three month period ended January 31, 2010 decreased slightly to 50.9% of revenue compared to 51.3% for the same period in 2009. Gross margin percentage decreased slightly as a result of an increase in inventory reserves during the first quarter of 2010 compared to prior year.

Selling and Marketing

Selling and marketing expense for the three months ended January 31, 2010 increased by 8.0%, or \$144,000, to \$1.9 million compared to \$1.8 million for the same period in 2009.

The sales and sales support payroll, travel and support expense increased by \$79,000, or 6.7%, for the three months ended January 31, 2010 compared to the same period in 2009. The Company is investing in additional personnel to improve our market position as we believe we are beginning to emerge from the recessionary environment. Stock-based compensation also increased by \$11,000 due to the issuance of restricted stock awards on June 3, 2009.

Demonstration equipment expense for the three months ended January 31, 2010 was up \$57,000 compared to the same period in 2009 due to the periodic write-off of aging equipment.

General and Administrative

General and administrative expenses for the three months ended January 31, 2010 decreased by \$52,000, to \$1.1 million compared to \$1.2 million for the same period in 2009.

Professional fees decreased by \$20,000 for the three months ended January 31, 2010 compared to the same period in 2009 mainly due to lower legal fees incurred. In addition, personnel expenses, including consulting, decreased by \$32,000 over the same period.

The Company's provision for bad debts also decreased by \$25,000 for the three month period ended January 31, 2010 compared to the prior year. This was partially offset by additional non-cash stock-based compensation expense of \$23,000 that was incurred during the three months ended January 31, 2010 compared to January 31, 2009 as a result of the grant of restricted stock awards on June 3, 2009.

14

Table of Contents

Research and Development

Research and development expenses for the three months ended January 31, 2010 increased by 32.0%, or \$252,000, to \$1.0 million from \$787,000 for the same period in 2009.

Payroll and benefits costs increased \$38,000 as part of the Company's investment in the development of new product initiatives. Project expenses associated with new product development increased by \$227,000, or 223%, for the three months ended January 31, 2010 compared to the same period in 2009 to further the Company's commitment to research and development.

The Company believes these investments will result in technological improvements to existing products or entirely new product offerings. Our current product development initiatives include new or updated products targeted for hospital intensive care units, cardiology, dietary, asthma, allergy and primary care physicians, and health and fitness club professionals. In addition to selling these products in the United States, the Company intends to introduce some of these new products internationally as well as continuing to expand the international distribution of its existing products.

Amortization of Intangibles

Amortization of developed technology was \$105,000 for the three months ended January 31, 2010, a decrease of \$77,000 from the comparable period in 2009 as a portion of the Company's developed technology was fully amortized as of October 31, 2009.

Interest Income

Interest income for the three months ended January 31, 2010 decreased to \$3,000 from \$4,000 for the same period in 2009. Interest income has decreased since the start of the economic recession principally as a result of significantly lower market interest rates when the Company moved its invested cash and cash equivalents into investments where the main goal is preservation of capital. The Company is exploring alternatives to increase its interest income while maintaining the highest degree of safety in its investments.

Provision for Income Taxes

The Company is required to present the provision for taxes as if it were fully taxable in accordance with Financial Accounting Standards Board ("FASB") Accounting Standards Codification 852-740. In prior years, the Company utilized its pre-emergence bankruptcy NOLs in the calculation of its income taxes payable although it is still required to pay U.S. and State alternative minimum taxes ("AMT") in certain jurisdictions, even though it has substantial federal and state NOL carry forwards. Due to its loss before taxes in fiscal year 2009 and 2010, the Company did not use any net benefits related to these NOLs. See note 8 to the consolidated financial statements, "Income Taxes," in this Form 10-Q for additional discussion of the accounting for income taxes.

Liquidity and Capital Resources

The Company has financed its liquidity needs over the last several years through revenue generated by the operations of its wholly owned subsidiary Medical Graphics Corporation.

The Company had cash and cash equivalents of \$10.5 million and working capital of \$14.7 million as of January 31, 2010. During the first quarter, the Company used \$644,000 in cash from operating activities, primarily due to a net loss of \$826,000 that included non-cash expenses of \$195,000 for depreciation and amortization and \$222,000 of stock-based compensation.

Cash was negatively impacted by a decrease in employee compensation payables of \$304,000 and a decrease in the deferred income balance of \$211,000. The decrease in employee compensation is typical for the first quarter of the fiscal year as employee bonuses are paid out during this period. Changes in inventory levels had a \$238,000 positive impact on cash during the first quarter as the Company adjusted to the decrease in sales volume.

During the first quarter, the Company used \$88,000 in cash for the purchase of property, equipment and intangible assets, which mainly consisted of computers and other information technology equipment.

The Company generated cash from financing activities of \$17,000 during the quarter from the exercise of options and the issuance of shares under the Employee Stock Purchase Plan.

The Company believes that its liquidity and capital resource needs for fiscal year 2010 and the next 12 months will be met through its current cash and cash equivalents as well as cash flows resulting from operations. In addition, as previously announced, the Company has developed a market-focused approach to leverage the strength of its MedGraphics brand and worldwide selling and distribution capability. Specifically, the Company has held discussions with various potential product and technology partners. If the Company is successful in concluding these negotiations, it may use some of its cash and capital resources in the acquisition of new technologies or businesses. Although the Company is continuing to look at a number of these opportunities, it currently has no agreements or understandings with any of these third parties.

Forward Looking Statements

The discussions in this Form 10-Q in "Management's Discussion and Analysis of Financial Condition and Results of Operations" contain forward-looking statements about Angeion's future financial results and business prospects that by their nature involve substantial risks and uncertainties. You can identify these statements by the use of words such as "anticipate," "believe," "estimate," "expect," "project," "intend," "plan," "will," "target," and other words and terms of similar meaning in connection with any discussion of future operating or financial performance or business plans or prospects. Our actual results may differ materially depending on a variety of factors including: (1) national and worldwide economic and capital market conditions; (2) continuing costcontainment efforts in our hospital, clinics, and office market; (3) any changes in the patterns of medical reimbursement that may result from national healthcare reform; (4) our ability to successfully operate our business, including successfully converting our increasing research and development expenditures into new and improved cardiorespiratory diagnostic products and services and selling these products and services under the MedGraphics and New Leaf brand names into existing and new markets; (5) our ability to maintain our cost structure at a level that is appropriate to our near to mid-term revenue expectations and that will enable us to increase revenues and profitability as opportunities develop; (6) our ability to achieve constant margins for our products and consistent and predictable operating expenses in light of variable revenues from our clinical research customers; (7) our ability to expand our international revenue through our distribution partners and our Milan, Italy representative branch office; (8) our ability to successfully defend ourselves from product liability claims related to our cardiorespiratory diagnostic products and claims associated with our prior cardiac stimulation products; (9) our ability to defend our existing intellectual property and obtain protection for intellectual property we develop in the future; (10) our ability to develop and maintain an effective system of internal controls and procedures and disclosure controls and procedures and (11) our dependence on third-party vendors.

Additional information with respect to the risks and uncertainties faced by the Company may be found in, and the above discussion is qualified in its entirety by, the other risk factors that are described from time to time in the Company's Securities and Exchange Commission reports, including the Annual Report on Form 10-K for the year ended October 31, 2009 and subsequently filed reports.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

None.

Item 4T. Controls and Procedures.

(a) Evaluation of Disclosure Controls and Procedures

Management, with the participation of the Company's chief executive officer, Rodney A. Young, and chief financial officer, William J. Kullback, has evaluated the effectiveness of the design and operation of the disclosure controls and procedures, as defined in Rules 13a-15(e) under the Securities Exchange Act of 1934, as of the end of the period covered by this report. Management has concluded that the Company's disclosure controls and procedures are effective to ensure that information required to be disclosed in the reports that the Company files under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC and that the disclosure controls are also effective to ensure that information required to be disclosed in the Company's Exchange Act reports is accumulated and communicated to management, including the chief executive officer and principal accounting officer, to allow timely decisions regarding required disclosure.

(b) Changes in Internal Controls

There have been no significant changes in internal control over financial reporting that occurred during the first fiscal quarter of 2010 that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

17

Table of Contents

PART II – OTHER INFORMATION

Item 1. Legal Proceedings.

The Company is subject to claims and lawsuits that have been filed in the ordinary course of business. From time to time, the Company brings suit against others to enforce patent rights or to collect debts in the ordinary course of business. There are no known current lawsuits or other litigation that involve the Company. Therefore, management believes that the settlement of all litigation would not have a material effect on the results of operations or liquidity of the Company.

Item 1A. Risk Factors

The most significant risk factors applicable to the Company are described in Part I, Item 1A "Risk Factors" of our Annual Report on Form 10-K for the year ended October 31, 2009. We believe there have been no material changes from the risk factors disclosed in that Annual Report on Form 10-K.

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

None.

Item 3. Defaults Upon Senior Securities.

None.

Item 4. Other Information.

Entry into a Material Definitive Arrangement

On March 9, the Board of Directors approved the Angeion Corporation 2010 Management Incentive Bonus Plan (the "2010 Bonus Plan").

The 2010 Bonus Plan provides for the payment of cash compensation to eligible employees, including the Company's executive officers, upon achievement of predetermined objectives. Payouts under the 2010 Bonus Plan will be based on achievement of two separate measurements:

- (i) Pre-tax income before equity-based compensation (that is net pre-tax income prior to any stock based compensation expense incurred for equity grants) (50% weighting); and
- (ii) Total Angeion revenue (50% weighting).

There is a threshold, a target and a maximum for each of the two measurements under the 2010 Bonus Plan. In order to receive an amount greater than the target under either metric, the Company must achieve at least the threshold level in the other metric. The Board of Directors believes this was important to encourage the Company's employees to focus on both revenue growth as well as pretax income.

18

Table of Contents

Consistent with the terms of their previously disclosed employment agreements and the 2010 Bonus Plan, if target financial performance is achieved in each metric, the Company's President and Chief Executive Officer Rodney A. Young would receive a bonus of 42.5% of his base salary, or \$133,705, the Company's Chief Financial Officer William J. Kullback would receive a bonus of 25% of his base salary, or \$50,000, and the Company's Executive Vice President Terrance J. Kapsen would receive a bonus of 25% of his base salary, or \$50,000.

Election of Directors

On March 9, 2010, the Angeion Board of Directors elected Scott A. Shuda as a Director of the Company. In 2003, Mr. Shuda co-founded and became a Managing Director of BlueLine Partners, a special situations investment firm that focuses on publicly listed technology and healthcare companies. Prior to founding BlueLine Partners, Mr. Shuda was employed as an attorney in New York City and Silicon Valley. Mr. Shuda also served as General Counsel to Vicinity Corporation, an internet company that went public in 2000 and was acquired by Microsoft in 2002. He has a law degree and a master of business administration degree from Georgetown University. Mr. Shuda will be serving on Angeion's Compensation Committee, Strategy Committee and Governance/Nominating Committee.

Item 5. Exhibits.

- 31. Certifications pursuant to Rules 13a-14 and 15d-14 of the Exchange Act.
- 32. Certifications pursuant to 18 U.S.C. § 1350.
- 99.1 Press release dated March 9, 2010 announcing the election of Scott A. Shuda to the Angeion Board of Directors

19

Table of Contents

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ANGEION CORPORATION (Registrant)

March 15, 2010

By /s/ Rodney A. Young
Rodney A. Young
President and Chief Executive Officer

March 15, 2010

By /s/ William J. Kullback
William J. Kullback
Chief Financial Officer

CERTIFICATIONS

I, Rodney A. Young, certify that:

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

Date: March 15, 2010

/s/ Rodney A. Young

President and
Chief Executive Officer

CERTIFICATIONS

I, William J. Kullback, certify that:

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

Date: March 15, 2010	/s/ William J. Kullback
	Chief Financial Officer

CERTIFICATION

The undersigned certify pursuant to 18 U.S.C. § 1350, that:

- (1) The accompanying Quarterly Report on Form 10-Q for the period ended January 31, 2010 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the accompanying Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 15, 2010

/s/ Rodney A. Young

President and
Chief Executive Officer

Date: March 15, 2010

/s/ William J. Kullback
Chief Financial Officer

Angeion Corporation 350 Oak Grove Parkway St. Paul, MN 55127 USA Telephone: (651) 484-4874 Facsimile: (651) 484-4826



FOR IMMEDIATE RELEASE

Angeion Corporation Names Scott Shuda to Board of Directors

SAINT PAUL, Minn. (March 9, 2010) — Angeion Corporation (NASDAQ: ANGN) today announced that Scott Shuda has been named to the company's board of directors.

Shuda is the Managing Director and Co-founder of Danville, Calif.-based BlueLine Partners, a special situations investment firm that focuses on publicly listed technology and healthcare companies. He brings more than a decade of professional experience in law, technology and entrepreneurial endeavors, as well as transaction experience that ranges from initial public offerings and venture financings to mergers and acquisitions.

"We are excited to welcome Scott to our board," said Rodney A. Young, President and Chief Executive Officer of Angeion. "Scott brings a wealth of financial and legal experience and a proven track record of success—he'll be a tremendous asset for Angeion as we expand our presence in health optimization."

Prior to co-founding BlueLine Partners, Shuda was employed as an attorney in New York City and Silicon Valley. Positions held include serving as General Counsel to Vicinity Corporation, an internet company that went public in 2000 and was acquired by Microsoft in 2002. Shuda has a law degree and a master of business administration degree from the Georgetown University.

Regarding his appointment, Shuda said, "I am very pleased to join Angeion at such a pivotal point in the company's evolution. I believe that Angeion possesses significant potential and I look forward to working with management and the other shareholders on strategies that will reward shareholders for their support of the company."

1

About Angeion Corporation

Founded in 1986, Angeion Corporation acquired Medical Graphics Corporation in December 1999. Medical Graphics develops, manufactures and markets non-invasive cardiorespiratory diagnostic systems that are sold under the MedGraphics (www.medgraphics.com) and New Leaf (www.medgraphics.com) brand and trade names. These cardiorespiratory diagnostic systems have a wide range of applications in healthcare as well as health and fitness. The Company's products are sold internationally through distributors and in the United States through a direct sales force that targets heart and lung specialists located in hospitals, university-based medical centers, medical clinics and physicians' offices, pharmaceutical companies, medical device manufacturers, clinical research organizations, health and fitness clubs, personal training studios, and other exercise facilities. For more information about Angeion, visit www.angeion.com.

Contact: Rodney A. Young, President and Chief Executive Officer, (651) 484-4874

Forward Looking Statements

The discussion above contains forward-looking statements about Angeion's future financial results and business prospects that by their nature involve substantial risks and uncertainties. You can identify these statements by the use of words such as "anticipate," "believe," "estimate," "expect," "project," "intend," "plan," "will," "target," and other words and terms of similar meaning in connection with any discussion of future operating or financial performance or business plans or prospects. Our actual results may differ materially depending on a variety of factors including: (1) national and worldwide economic and capital market conditions; (2) continuing costcontainment efforts in our hospital, clinics, and office market; (3) any changes in the patterns of medical reimbursement that may result from national healthcare reform; (4) our ability to successfully operate our business, including successfully converting our increasing research and development expenditures into new and improved cardiorespiratory diagnostic products and services and selling these products and services under the MedGraphics and New Leaf brand names into existing and new markets; (5) our ability to maintain our cost structure at a level that is appropriate to our near to mid-term revenue expectations and that will enable us to increase revenues and profitability as opportunities develop (6) our ability to achieve constant margins for our products and consistent and predictable operating expenses in light of variable revenues from our clinical research customers; (7) our ability to expand our international revenue through our distribution partners and our Milan, Italy representative branch office; (8) our ability to successfully defend ourselves from product liability claims related to our cardiorespiratory diagnostic products and claims associated with our prior cardiac stimulation products; (9) our ability to defend our intellectual property; (10) our ability to develop and maintain an effective system of internal controls and procedures and disclosure controls and procedures; and (11) our dependence on third-party vendors. Additional information with respect to the risks and uncertainties faced by the Company may be found in, and the above discussion is qualified in its entirety by, the other risk factors that are described from time to time in the Company's Securities and Exchange Commission reports, including the Annual Report on Form 10-K for the year ended October 31. 2009.

###