| BIO KEY INTERNATIONAL IN | ^{1}C |
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| Form 10-Q | |
| May 14, 2010 | |
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WASHINGTON, D.C. 20549

FORM 10-Q

x QUARTERLY REPORT UNDER SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended March 31, 2010

o TRANSITION REPORT UNDER SECTION 13 OR 15(D) OF THE EXCHANGE ACT

For the Transition Period from to

Commission file number 1-13463

BIO-KEY INTERNATIONAL, INC.

(Exact Name of registrant as specified in its charter)

DELAWARE(State or Other Jurisdiction of Incorporation of Organization)

41-1741861 (IRS Employer Identification Number)

3349 HIGHWAY 138, BUILDING D, SUITE B, WALL, NJ 07719

| (Address of Principal Executive Offices) | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| (732) 359-1100 | |
| (Registrant s telephone number, including area code) | |
| Indicate by check mark whether the Registrant (1) has filed all reports requ of 1934 during the preceding 12 months (or for such shorter period that the to such filing requirements for the past 90 days. Yes x No o | |
| Indicate by check mark whether the registrant has submitted electronically File required to be submitted and posted pursuant to Rule 405 of Regulation the registrant was required to submit and post such files). Yes o No o | |
| Indicate by check mark whether the registrant is a large accelerated filer, ar company. See the definitions of large accelerated filer, accelerated filer | accelerated filer, a non-accelerated filer, or a smaller reporting and smaller reporting company in Rule 12b-2 of the Exchange Act. |
| Large accelerated filer o | Accelerated filer o |
| Non-accelerated filer o | Smaller Reporting Company x |
| Indicate by check mark whether the registrant is a shell company (as define | d by rule 12b-2 of the Exchange Act) Yes o No x |
| Number of shares of Common Stock, \$.0001 par value per share, outstanding | ng as of May 12, 2010 were 77,713,398 |
| | |
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| | |
| | |

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PART I FINANCIAL INFORMATION

BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY CONDENSED CONSOLIDATED BALANCE SHEETS

| | | March 31, 2010 (Unaudited) | December 31, 2009 (Audited) |
|----------------------------------------------------------------------------------------------|----|-----------------------------------------|-----------------------------------|
| ASSETS | | (====================================== | () |
| Cash and cash equivalents | \$ | 487,971 | \$ 792,426 |
| Restricted cash | | 40,500 | 40,500 |
| Accounts receivable, net of allowance for doubtful accounts of \$11,526 at March 31, 2010 | | | |
| and December 31, 2009 | | 1,397,005 | 847,215 |
| Note receivable, current portion | | 1,334,000 | 1,334,000 |
| Inventory | | 11,858 | 14,935 |
| Prepaid expenses and other | | 148,875 | 123,911 |
| Total current assets | | 3,420,209 | 3,152,987 |
| Equipment and leasehold improvements, net | | 34,355 | 39,243 |
| Deposits and other assets | | 8,712 | 8,712 |
| Note receivable, net of current portion | | 2,666,000 | 2,666,000 |
| Intangible assets less accumulated amortization | | 227,280 | 230,259 |
| Total non-current assets | | 2,936,347 | 2,944,214 |
| TOTAL ASSETS | \$ | 6,356,556 | \$ 6,097,201 |
| | | | |
| LIABILITIES | | | |
| Accounts payable | \$ | 269,660 | \$ 340,241 |
| Accrued liabilities | | 549,641 | 708,765 |
| Deferred revenue | | 304,972 | 200,996 |
| Convertible notes, derivatives and warrants | | 381,650 | 471,483 |
| Redeemable preferred stock derivatives | | 93,211 | 563,599 |
| Total current liabilities | | 1,599,134 | 2,285,084 |
| Warrants | | | 63,901 |
| Deferred revenue | | 5,939 | 9,391 |
| Total non-current liabilities | | 5,939 | 73,292 |
| TOTAL LIABILITIES | \$ | 1,605,073 | \$ 2,258,376 |
| | | | |
| Commitments and contingencies | | | |
| C D | | | |
| Series D redeemable convertible preferred stock: authorized, 100,000 shares (liquidation | | | |
| preference of \$100 per share); issued and outstanding 30,557 shares of \$.0001 par value at | | 2 700 220 | 2,630,593 |
| March 31, 2010 and December 31, 2009 | | 2,789,328 2,789,328 | 2,630,593 |
| | | 2,789,328 | 2,030,393 |
| STOCKHOLDERS EQUITY: | | | |
| Common stock authorized, 170,000,000 shares; issued and outstanding; 77,713,398 of | | | |
| \$.0001 par value at March 31, 2010 and December 31, 2009 | | 7,771 | 7,771 |
| Additional paid-in capital | | 51,041,119 | 51,187,754 |
| Accumulated deficit | | (49,086,735) | (50,087,293) |
| TOTAL STOCKHOLDERS EQUITY | | 1,962,155 | 1,108,232 |
| TOTAL LIABILITIES AND STOCKHOLDERS EQUITY | \$ | 6,356,556 | \$ 6,097,201 |
| - | • | | |

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

Diluted

BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (Unaudited)

Three months ended March 31, 2010 2009 Revenues \$ 92,043 Services \$ 131,350 License fees and other 884,132 406,844 976,175 538,194 Costs and other expenses Cost of services 30.429 17,417 Cost of license fees and other 79,671 119,662 110,100 137,079 Gross Profit 866,075 401,115 **Operating Expenses** Selling, general and administrative 878,462 700,021 Research, development and engineering 284,788 250,267 984,809 1,128,729 Operating loss (118,734)(727,614)Other income (expenses) Derivative and warrant fair value adjustments 786,710 (35,330)60,000 Interest income (23,494)Interest expense (162,736)Other (3,375)683,974 (62,199)Income (loss) from continuing operations 565,240 (789,813)Income from discontinued operations 435,318 1,011,862 Net Income \$ 1,000,558 \$ 222,049 Basic Earnings(Loss) per Common Share: Income (loss) from continuing operations 0.005 (0.02)0.006 Income from discontinued operations 0.02 Net earnings per Common Share \$ 0.011 \$ 0.00 Diluted Earnings(Loss) per Common Share: Income (loss) from continuing operations (0.02)(0.002)Income from discontinued operations 0.006 0.02 Net earnings per Common Share \$ 0.004 \$ 0.00 **Weighted Average Shares Outstanding:** 77,713,398 68,477,547 Basic

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

91,207,492

68,477,547

BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited)

| | Three Months E 2010 | arch 31, 2009 | |
|-----------------------------------------------------------------------------------|------------------------|------------------|-------------|
| CASH FLOW FROM OPERATING ACTIVITIES: | | | |
| Net income | \$ 1,000,558 | \$ | 222,049 |
| Less: | | | |
| Income from discontinued operations | (435,318) | | (1,011,862) |
| Income (loss) from continuing operations | \$ 565,240 | \$ | (789,813) |
| Adjustments to reconcile net income (loss) to cash used for operating activities: | | | |
| Derivative and warrant fair value adjustments | (786,710) | | 35,330 |
| Depreciation | 7,962 | | 5,809 |
| Amortization | | | |
| Intangible assets | 2,979 | | 2,812 |
| Discounts on convertible debt related to derivatives | 162,588 | | |
| Share-based compensation | 11,490 | | 49,590 |
| Change in assets and liabilities: | | | |
| Accounts receivable trade | (549,790) | | (238,692) |
| Inventory | 3,077 | | 955 |
| Prepaid expenses and other | (24,964) | | (19,639) |
| Accounts payable | (70,581) | | 17,049 |
| Accrued liabilities | (159,124) | | 135,206 |
| Deferred revenue | 100,524 | | (310,116) |
| Net cash used for continuing operations | (737,309) | | (1,111,509) |
| Net cash provided by discontinued operations | 435,928 | | 765,542 |
| Net cash used for operating activities | (301,381) | | (345,967) |
| CASH FLOWS FROM INVESTING ACTIVITIES: | | | |
| Capital expenditures | (3,074) | | (2,872) |
| Deposits | | | (300) |
| Net cash used for continuing operations | (3,074) | | (3,172) |
| Net cash used for discontinued operations | | | (1,899) |
| Net cash used for investing activities | (3,074) | | (5,071) |
| CASH FLOW FROM FINANCING ACTIVITIES: | | | |
| Dividends | | | (37,207) |
| Net cash used for continuing operations | | | (37,207) |
| Net cash used for financing activities | | | (37,207) |
| NET DECREASE IN CASH AND CASH EQUIVALENTS | (304,455) | | (388,245) |
| CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD | 792,426 | | 1,712,912 |
| CASH AND CASH EQUIVALENTS, END OF PERIOD | \$ 487,971 | \$ | 1,324,667 |

BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited)

SUPPLEMENTARY DISCLOSURES OF CASH FLOW INFORMATION

Three Months Ended March 31, 2010 2009

| Cash paid for: | | |
|--------------------------------------------------------------------------------|----------|---------|
| Interest | \$ \$ | 22,793 |
| | | |
| Noncash Investing and Financing Activities: | | |
| Issuance of common stock in exchange for Series A, B and C preferred stock and | | |
| cumulative dividends in arrears, thereon | | 149,566 |

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

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BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

March 31, 2010(Unaudited)

1. BASIS OF PRESENTATION

The accompanying unaudited interim condensed consolidated financial statements include the accounts of BIO-key International, Inc. and its wholly owned subsidiary (collectively, the Company) and are stated in conformity with accounting principles generally accepted in the United States of America, pursuant to the rules and regulations of the Securities and Exchange Commission (the SEC). The operating results for interim periods are not necessarily indicative of results that may be expected for any other interim period or for the full year. Pursuant to such rules and regulations, certain financial information and footnote disclosures normally included in the financial statements have been condensed or omitted. Significant intercompany accounts and transactions have been eliminated in consolidation.

In the opinion of management, the accompanying unaudited interim consolidated financial statements contain all necessary adjustments, consisting only of those of a recurring nature, and disclosures to present fairly the Company s financial position and the results of its operations and cash flows for the periods presented. The balance sheet at December 31, 2009 was derived from the audited financial statements, but does not include all of the disclosures required by accounting principles generally accepted in the United States of America. These unaudited interim condensed consolidated financial statements should be read in conjunction with the financial statements and the related notes thereto included in the Company s Annual Report on Form 10-K for the fiscal year ended December 31, 2009 (the Form 10-K), filed on March 26, 2010.

Recently Issued Accounting Pronouncements

In January 2010, the FASB issued ASU 2010-06, Fair *Value Measurements and Disclosures (Topic 820), Improving Disclosures about Fair Value Measurements*, amending ASC 820. ASU 2010-06 requires entities to provide new disclosures and clarify existing disclosures relating to fair value measurements. The new disclosures and clarifications of existing disclosures are effective for interim and annual reporting periods beginning after December 15, 2009, except for the disclosures about purchases, sales, issuances, and settlements in Level 3 fair value measurements, which are effective for fiscal years beginning after December 15, 2010 and for interim periods within those fiscal years. The Company is currently evaluating the impact of ASU 2010-06, but does not expect its adoption to have a material impact on the Company s financial position or results of operations.

In September 2009, the FASB issued ASU 2009-13, *Multiple Element Arrangements*. ASU 2009-13 addresses the determination of when the individual deliverables included in a multiple arrangement may be treated as separate units of accounting. ASU 2009-13 also modifies the manner in which the transaction consideration is allocated across separately identified deliverables and establishes definitions for determining fair value of elements in an arrangement. This standard must be adopted by the Company no later than January 1, 2011 with earlier adoption permitted. The Company is currently evaluating the impact, if any, that this standard update will have on its consolidated financial statements.

2. LIQUIDITY AND CAPITAL RESOURCE MATTERS

We have incurred significant losses to date, and at March 31, 2010, we had an accumulated deficit of approximately \$49 million. In addition, broad commercial acceptance of our technology is critical to the Company s success and ability to generate future revenues. If the Company is unable to generate sufficient revenue to meet our goals, we will need to obtain additional third-party financing to (i) conduct the sales, marketing and technical support necessary to execute our plan to substantially grow operations, increase revenue and serve a significant customer base; and (ii) provide working capital. No assurance can be given that any form of additional financing will be available on terms acceptable to the Company, that adequate financing will be obtained by the Company in order to meet its needs, or that such financing would not be dilutive to existing shareholders.

The accompanying condensed consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America, which contemplate continuation of the Company as a going concern, and assumes continuity of operations, realization of assets and the satisfaction of liabilities and commitments in the normal course

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of business. The matters described in the preceding paragraph raise substantial doubt about the Company s ability to continue as a going concern. Recoverability of a major portion of the recorded asset amounts shown in the accompanying balance sheets is dependent upon the Company s ability to meet its financing requirements on a continuing basis, and maintain profitability in its future operations. The accompanying condensed consolidated financial statements do not include any adjustments relating to the recoverability and classification of recorded assets or the amounts and classification of liabilities that might be necessary should the Company be unable to continue as a going concern.

3. DISCONTINUED OPERATIONS

On December 8, 2009, the Company consummated the sale (the Asset Sale) of its Law Enforcement division (the Business) to InterAct911 Mobile Systems, Inc. (Buyer), a wholly-owned subsidiary of InterAct911 Corporation (the Parent), pursuant to the Asset Purchase Agreement dated as of August 13, 2009 by and between the Company and Buyer (the Purchase Agreement).

Pursuant to the Purchase Agreement, Buyer acquired substantially all of the assets relating to the Business, including the Company s customer contracts, intellectual property, accounts receivable, equipment, inventories, software, technologies, communication systems and goodwill relating to the Business. Buyer also assumed certain specified liabilities as set forth in the Purchase Agreement. The Company and InterAct Public Safety Systems, an affiliate of Buyer, had collaborated on many projects in the past, including partnership arrangements in which products used in the Business (including elements of the MobileCop®, PocketCop®, MobileRescue , MobileOffice , and InfoServer product lines) had been integrated with those of InterAct Public Safety Systems and sold to law enforcement agencies and other emergency response customers. Outside of those commercial dealings, at the time of the Asset Sale there were no material relationships among the Company and Buyer or any of their respective affiliates other than in respect of the Purchase Agreement and the related ancillary agreements.

As consideration for the Asset Sale, Buyer paid the Company an aggregate purchase price of approximately \$11.3 million. Of that amount, approximately \$7.0 million was paid in cash at the closing of the Asset Sale, and approximately \$300,000 was paid pursuant to the working capital adjustment provided for in the Purchase Agreement. Buyer issued a promissory note (the Note) in the original principal amount of \$4.0 million in favor of the Company. The Note is to be paid in three equal annual installments beginning on the first anniversary of the closing and will bear interest, payable on a quarterly basis, at a rate per annum equal to six percent (6%) compounded annually on the principal sum from time to time outstanding. The Note is guaranteed by SilkRoad Equity, LLC (SilkRoad), a private investment firm and a principal owner of Buyer, and is secured by all of the intellectual property assets of the Business transferred to Buyer as part of the Asset Sale. In addition, at the closing of the Asset Sale, the Company issued to SilkRoad a warrant to purchase up to 8 million shares of the Company s common stock at an exercise price of \$0.30 per share. This warrant will expire if not exercised prior to the fifth anniversary of the closing.

Prior to the sale, the Business had been reported as a separate segment. The Business has been reported as a discontinued operation and all periods presented have been recast accordingly to reflect these operations as discontinued.

During the period ended March 31, 2010, the Company recorded income of approximately \$483,000 from a contract delivered under our arrangement with Buyer which was reduced by expenses for professional fees, resulting in net income from discontinued operations of approximately \$435,000. The Company does not expect any additional income from discontinued operations in the future. The Company and Buyer have agreed to extend the period that Buyer can assert potential post closing purchase price adjustments to May 31, 2010.

4. SHARE BASED COMPENSATION

The Company accounts for share based compensation in accordance with the provisions of ASC 718-10, Compensation Stock Compensation, which requires measurement of compensation cost for all stock awards at fair value on date of grant and recognition of compensation over the service period for awards expected to vest. The majority of our share-based compensation arrangements vest over either a three or four year vesting schedule. The Company expenses its share-based compensation under the ratable method, which treats each vesting tranche as if it were an individual grant. The fair value of stock options is determined using the Black-Scholes valuation model and requires the input of highly subjective assumptions. These assumptions include estimating the length of time employees will retain their vested stock options before exercising them (the expected option term), the estimated volatility of our common stock price over the option s expected term, the risk-free interest rate over the option s expected term, and the Company s expected annual dividend yield. Changes in these

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subjective assumptions can materially affect the estimate of fair value of stock-based compensation and consequently, the related amount recognized as an expense in the consolidated statements of operations. As required under the accounting rules, we review our valuation assumptions at each grant date and, as a result, are likely to change our valuation assumptions used to value employee stock-based awards granted in future periods. The values derived from using the Black-Scholes model are recognized as expense over the service period, net of estimated forfeitures (the number of individuals that will ultimately not complete their vesting requirements). The estimation of stock awards that will ultimately vest requires significant judgment. We consider many factors when estimating expected forfeitures, including types of awards, employee class, and historical experience. Actual results, and future changes in estimates, may differ substantially from our current estimates.

The compensation expense recognized under ASC 718 increased the Company s operating loss by \$11,490 and \$49,590 with no effect per share (basic and diluted) for the three months ended March 31, 2010 and 2009, respectively.

The following table presents share-based compensation expenses for continuing operations included in the Company s unaudited condensed consolidated statements of operations:

| | Т | Three Months Ended March 31, | | | | | | |
|---------------------------------------|----|------------------------------|----|--------|--|--|--|--|
| | 20 | 010 | | 2009 | | | | |
| Cost of comics | ¢ | | ď | | | | | |
| Cost of services | \$ | 5.040 | \$ | 40.555 | | | | |
| Selling, general and administrative | | 5,348 | | 40,577 | | | | |
| Research, development and engineering | | 6,142 | | 9,013 | | | | |
| | \$ | 11,490 | \$ | 49,590 | | | | |

Valuation Assumptions for Stock Options

For the three months ended March 31, 2010 and 2009, 410,000 and 775,000 stock options were granted, respectively. The fair value of each option was estimated on the date of grant using the Black-Scholes option-pricing model with the following assumptions:

| | Three Months March 3 | |
|-------------------------------------|----------------------|---------|
| | 2010 | 2009 |
| Risk free interest rate | 2.36% | 1.83% |
| Expected life of options (in years) | 4.25 | 2.5-3.5 |
| Expected dividends | 0% | 0% |
| Volatility of stock price | 115% | 87.41% |

The stock volatility for each grant is determined based on the review of the experience of the weighted average of historical daily price changes of the Company s common stock over the expected option term. The expected term was determined using the simplified method for estimating expected option life, which qualify as plain-vanilla options; and the risk-free rate is based on the U.S. Treasury yield curve in effect at the time of grant for periods corresponding with the expected life of the option.

EQUITY COMPENSATION PLAN INFORMATION

1996 Stock Option Plan

During 1996, the Board of Directors and stockholders of the Company adopted the 1996 Stock Option Plan (the 1996 Plan). Under the 1996 Plan, a total of 750,000 shares of common stock were reserved for issuance to employees, officers, directors, and consultants of the Company at exercise prices which could not be below 100% of fair market value for incentive stock options and 50% for all other options. The term of stock options granted could not exceed ten years. Options issued under the 1996 Plan vested pursuant to the terms of stock option agreements with the recipients. In the event of a change in control, as defined in the 1996 Plan, all options outstanding vest immediately. The 1996 Plan expired in May 2005.

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1999 Stock Option Plan

During 1999, the Board of Directors of the Company adopted the 1999 Stock Option Plan (the 1999 Plan). The 1999 Plan was not presented to stockholders for approval and thus incentive stock options were not available under the plan. Under the 1999 Plan, a total of 2,000,000 shares of common stock were reserved for issuance to employees, officers, directors, and consultants of the Company at exercise prices which could not be below 85% of fair market value. The term of nonstatutory stock options granted could not exceed ten years. Options issued under the 1999 Plan vested pursuant to the terms of stock option agreements with the recipients. In the event of a change in control, as defined in the 1999 Plan, all options outstanding vest immediately. The 1999 Plan expired in August 2009.

2004 Stock Option Plan

On October 12, 2004, the Board of Directors of the Company approved the 2004 Stock Option Plan (the 2004 Plan). The 2004 Plan has not been presented to stockholders for approval and thus incentive stock options are not available under this plan. Under the terms of the 2004 Plan, a total of 4,000,000 shares of common stock are reserved for issuance to employees, officers, directors, and consultants of the Company at exercise prices which may not be below 85% of fair market value. The term of stock options granted may not exceed ten years. Options issued under the 2004 Plan vest pursuant to the terms of stock option agreements with the recipients. In the event of a change in control, as defined in the 2004 Plan, all options outstanding vest immediately. The 2004 Plan expires in October 2014.

Non-Plan Stock Options

Periodically, the Company has granted options outside of the 1996, 1999, and 2004 Plans to various employees and consultants. In the event of a change in control, as defined in the relevant agreements with the receipients, certain of the non-plan options outstanding vest immediately.

Stock Option Activity

The following table summarizes stock option activity for the three months ended March 31, 2010:

| | 1996 Plan | 1999 Plan | Number of Option 2004 Plan | s Non Plan | Total | Weighted average exercise price | Weighted average remaining life (in years) | Aggregate intrinsic value |
|--------------------|-----------|-----------|-------------------------------|---------------|-----------|------------------------------------------|--------------------------------------------------------|---------------------------------|
| Outstanding, as of | 45.000 | 500,000 | 2.072.190 | 1 220 941 | 2 049 020 | \$ 0.24 | | |
| December 31, 2009 | 45,000 | 300,000 | 2,073,189 | 1,329,841 | 3,948,030 | \$ 0.24 | | |
| Granted | | | 410,000 | | 410,000 | 0.45 | | |
| Exercised | | | | | | | | |

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| Forfeited | | | | | | | | |
|-----------------------|--------|---------|-----------|-----------|-----------|------------|---------|---------|
| Expired | | | (2,500) | | (2,500) | 0.67 | | |
| Outstanding, as of | | | | | | | | |
| March 31, 2010 | 45,000 | 500,000 | 2,480,689 | 1,329,841 | 4,355,530 | \$ 0.26 | 4.34 \$ | 151,676 |
| Vested or expected to | | | | | | | | |
| vest at March 31, | | | | | | | | |
| 2010 | | | | | 4,153,717 | \$ 0.25 | 4.24 \$ | 146,337 |
| Exercisable at | | | | | | | | |
| March 31, 2010 | | | | | 3,559,362 | \$ 0.26 | 3.96 \$ | 119,560 |

The options outstanding and exercisable at March 31, 2010 were in the following exercise price ranges:

| Rang | e of exercise prices | Number of shares | ptions Outstandii Weighted average exercise price | weighted average remaining life (in years) | Options I Number exercisable | sable Weighted average exercise price |
|------|----------------------|---------------------|---------------------------------------------------------------|--------------------------------------------|------------------------------------|---------------------------------------------------|
| \$ | 0.07-0.21 | 1,596,272 | \$ 0.11 | 5.41 | 1,210,104 | \$ 0.11 |
| | 0.22-0.40 | 2,299,258 | 0.30 | 3.32 | 2,229,258 | 0.30 |
| | 0.41-0.68 | 385,000 | 0.46 | 0.30 | 45,000 | 0.47 |
| | 0.69-0.94 | 75,000 | 0.94 | 1.59 | 75,000 | 0.94 |
| \$ | 0.07-0.94 | 4,355,530 | | | 3,559,362 | |

The aggregate intrinsic value in the table above represents the total intrinsic value, based on the Company s closing stock price of \$0.20 as of March 31, 2010 which would have been received by the option holders had all option holders exercised their options as of that date. The total number of in-the-money options exercisable as of March 31, 2010 was 1,185,771.

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The weighted average fair value of options granted during the three months ended March 31, 2010 and 2009 was \$0.162 and \$0.056 per share, respectively. The total fair value of shares vested during the three months ended March 31, 2010 and 2009 was \$8,030 and \$81,534, respectively.

As of March 31, 2010, future compensation cost related to nonvested stock options is approximately \$83,413 and will be recognized over an estimated weighted average period of approximately 1.48 years.

5. EARNINGS (LOSS) PER SHARE COMMON STOCK (EPS)

The Company s basic EPS is calculated using net income (loss) available to common shareholders and the weighted-average number of shares outstanding during the reporting period. Diluted EPS includes the effect from potential issuance of common stock, such as stock issuable pursuant to the exercise of stock options and warrants and the assumed conversion of convertible notes and preferred stock.

The reconciliation of the numerator of the basic and diluted EPS calculations, due to the inclusion of preferred stock dividends and accretion was as follows for the following three month periods ended March 31:

| | Three Months ended March 31, | | | |
|-----------------------------------------------------|---------------------------------|------------|----|-------------|
| | | 2010 | | 2009 |
| Basic Numerator: | | | | |
| Net income (loss) from continuing operations | \$ | 565,240 | \$ | (789,813) |
| Convertible preferred stock dividends and accretion | | (158,735) | | (361,618) |
| Loss available to common stockholders | \$ | 406,505 | \$ | (1,151,431) |
| | | | | |
| Basic Denominator: | | 77,713,398 | | 68,477,547 |
| Per Share Amount | \$ | 0.005 | \$ | (0.02) |

The following table summarizes the potential weighted average shares of common stock that were included in the diluted per share calculation for three months ended March 31, 2010 and excluded from the three months ended March 31, 2009 because the effect of including these potential shares was antidilutive.

| | Three Months F March 31, | |
|------------------|-----------------------------|------------|
| | 2010 | 2009 |
| Preferred Stock | 10,185,667 | 33,155,440 |
| Convertible Debt | 2,459,857 | |
| Stock Options | 848,570 | |
| Warrants | | |

Potentially dilutive securities 13,494,094 33,155,440

| | Three Months ended March 31, | | | |
|-----------------------------------------------------|---------------------------------|----|-------------|--|
| | 2010 | | 2009 | |
| Dilutive Numerator: | | | | |
| Net income (loss) from continuing operations | \$ 565,240 | \$ | (789,813) | |
| Convertible preferred stock dividends and accretion | (158,735) | | (361,618) | |
| Convertible debt interest recognized | 162,588 | | | |
| Reversed derivative change in fair market value | (698,884) | | | |
| Loss available to common stockholders | \$ (129,791) | \$ | (1,151,431) | |
| Dilutive Denominator: | 91,207,492 | | 68,477,547 | |
| Per Share Amount | \$ 0.00 | \$ | (0.02) | |

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Items excluded from the diluted per share calculation because the exercise price was greater than the average market price of the common shares:

| | Three Months E March 31, | |
|---------------|-----------------------------|------------|
| | 2010 | 2009 |
| Stock options | 2,759,258 | 7,353,933 |
| Warrants | 16,775,791 | 6,136,899 |
| Total | 19,535,049 | 13,490,832 |

6. NOTE RECEIVABLE

Notes receivable consisted of the following:

| | | March 3 2010 | 1, | December 31, 2009 |
|-----------------|-------------|-----------------|---------|----------------------|
| Note Receivable | Current | \$ 1, | 334,000 | \$ 1,334,000 |
| Note Receivable | Non-Current | 2, | 666,000 | 2,666,000 |
| | | | | |
| Total | | \$ 4, | 000,000 | \$ 4,000,000 |

As consideration for the Asset Sale (see Note 3 Discontinued Operations), Buyer paid the Company an aggregate purchase price of approximately \$11.3 million. Of that amount, approximately \$7.0 million was paid in cash at the closing of the Asset Sale, and approximately \$300,000 was paid pursuant to the working capital adjustment provided for in the Purchase Agreement. Buyer issued a promissory note (the Note) in the original principal amount of \$4.0 million in favor of the Company. The Note is to be paid in three equal annual installments beginning on the first anniversary of the closing and will bear interest, payable on a quarterly basis, at a rate per annum equal to six percent (6%) compounded annually on the principal sum from time to time outstanding. The Note is guaranteed by SilkRoad, a private investment firm and a principal owner of Buyer, and is secured by all of the intellectual property assets of the Law Enforcement division that were sold to Buyer.

7. EQUIPMENT AND LEASEHOLD IMPROVEMENTS

Equipment and leasehold improvements consisted of the following:

March 31, December 31, 2010 2009

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| Equipment | \$ 239,022 | \$ 235,948 |
|------------------------------------------------|---------------|---------------|
| Furniture and fixtures | 99,199 | 99,199 |
| Software | 28,624 | 28,624 |
| Leasehold improvements | 39,975 | 39,975 |
| | 406,820 | 403,746 |
| | | |
| Less accumulated depreciation and amortization | (372,465) | (364,503) |
| | | |
| Total | \$ 34,355 | \$ 39,243 |

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8. OTHER INTANGIBLE ASSETS

Other intangible assets consisted of the following:

| | G | March 31 | , 2010 | | G | Decemb | oer 31, 2009 | | |
|-----------------------------|-----------------------------|---------------------|---------|-------------------|-----------------------------|--------|----------------------|----|-----------------------|
| | Gross Carrying Amount | Accumul Amortiza | | Carrying mount | Gross Carrying Amount | | mulated rtization | No | et Carrying Amount |
| Patents and patents pending | 287,248 | (5 | 59,968) | 227,280 | 287,248 | | (56,989) | | 230,259 |
| Total | \$ 287,248 | \$ (5 | (9,968) | \$ 227,280 | \$ 287,248 | \$ | (56,989) | \$ | 230,259 |

Aggregate amortization expense for the three months ended March 31, 2010 and 2009, was \$2,979 and \$2,796 respectively.

9. RESTRICTED CASH

During 2008, the Company extended its property lease at the Marlborough, MA location. Pursuant to the agreement BIO-key was to maintain a security deposit in the form of an irrevocable letter of credit in the amount of \$40,500. However, BIO-key and the landlord for the property subsequently agreed to have BIO-key place the funds in a third party escrow account, to be returned at the conclusion of the lease term, in August 2011. Pursuant to the sale of the Company s Law Enforcement Business to Buyer in December 2009 (see Note 3 Discontinued Operations), the Company is no longer situated at this location, and is in the process of assigning its obligations under the lease to Buyer. Accordingly, the balance is recorded as the current asset, Restricted cash as at March 31, 2010.

10. NOTES PAYABLE, CONVERTIBLE DEBT FINANCING / WARRANTS

Convertible Promissory Notes

Convertible note financing and warrants consisted of the following:

March 31, December 31, 2010 2009

Current Portion

9. RESTRICTED CASH 21

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| 2005 | | |
|------------------------------|---------------|------------------|
| FMV of warrants | \$ 2,604 | \$ 47,773 |
| 2006 | | |
| FMV of warrants | 21,244 | |
| 2009 | | |
| Convertible promissory notes | 737,957 | 737,957 |
| Discount | (496,550) | (659,138) |
| FMV of embedded derivatives | 116,395 | 344,891 |
| Total | \$ 381,650 | \$ 471,483 |
| | | |
| Long-Term Portion | | |
| | | |
| 2006 | | |
| FMV of warrants | | 63,901 |
| Total | \$ | \$ 63,901 |
| | | |

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2005 and 2006 Warrants

The account balance shown represents the fair market value of warrants issued in conjunction with debt offerings undertaken from the 2005 to 2006 fiscal years. The warrants are classified as liabilities and were valued using the Black Scholes Option Pricing model with the following assumptions:

| | March 31, 2010 | December 31, 2009 |
|-------------------------|-------------------|----------------------|
| Dividend Yield | 0% | 0% |
| Annual volatility | 67-96% | 107-156% |
| Risk-free interest rate | 0.16-0.34% | 0.20-0.47% |

2009 Convertible Promissory Notes

The account balance shown represents the fair market value of convertible promissory notes issued in 2009. The notes are valued using the Binomial Option model with the following assumptions:

| | March 31, 2010 | December 31, 2009 |
|-------------------------|-------------------|----------------------|
| Dividend Yield | 0% | 0% |
| Annual volatility | 93% | 148% |
| Risk-free interest rate | 0.33% | 0.47% |

11. ACCRUED LIABILITIES

Accrued liabilities consisted of the following:

| | March 31, 2010 | December 31, 2009 | |
|----------------------|-------------------|----------------------|---|
| Compensation | \$ 75,845 | \$ 92,86 | 0 |
| Compensated absences | 154,776 | 143,38 | 7 |
| Royalties | 58,905 | | |
| Dividends Payable | 128,644 | 128,64 | 4 |
| Tax payable | 5,000 | 188,00 | 0 |
| Other | 126,471 | 155,87 | 4 |
| | | | |
| Total | \$ 549,641 | \$ 708,76 | 5 |

12. REDEEMABLE PREFERRED STOCK

Series D Convertible Preferred Stock

The Company issued 30,557 shares of its redeemable Series D Convertible Preferred Stock to The Shaar Fund, Ltd. and Thomas Colatosti on December 28, 2009, in exchange for 30,557 shares of Series A Convertible Preferred Stock held by those shareholders. Each share of Series D Preferred Stock has an Original Issue Price of \$100.00 per share. Each holder has the option to convert its shares of Series D Preferred Stock at any time into a number of shares of the Company s common stock equal to the Original Issue Price plus accumulated and unpaid dividends divided by the conversion price of \$0.30 per share. This conversion price is subject to adjustment if common stock is issued by the Company subsequent to the original issue date of the Series D Preferred Stock, except for other conversions, options, warrants, dividends paid in stock or pursuant to an acquisition by the Company, at a price per share less than the conversion price. Mandatory redemption of all of the Series D

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Preferred Stock shares is scheduled to occur on December 31, 2010 by the Company paying cash equal to \$100.00 per share together with all accrued and unpaid dividends. In any liquidation of the Company, each share of Series D Preferred Stock is entitled to a liquidation preference before any distribution may be made on the Company s common stock.

As of March 31, 2010, 100,000 Series D Preferred Stock shares were authorized, 30,557 of which were issued and outstanding, at a par value of \$0.0001 and a liquidation preference of \$100.00 with accumulated dividends in arrears of \$55,257, which have been accreted to the principal balance of the Series D Preferred Stock.

The Series D Preferred Stock contains features that are considered embedded derivative financial instruments: Preferred Stock s conversion option: The Preferred Stock is convertible at the Holder s option at any time at the fixed conversion price of \$0.30 per share; Semi Annual Dividends Conversion Option: Holders have the option to convert the Preferred Stock s semi-annual dividend payment at any time at the fixed conversion price of \$0.30 per share. These features have been bifurcated and recorded on the Company s balance sheet as liabilities, at their fair value. As of March 31, 2010, these embedded derivatives were valued at \$93,211.

An amount equal to the original value of the derivatives was recorded as a discount to the Series D Preferred Stock. The discount is being accreted to the principal balance of the Series D Preferred Stock, using the effective interest method, over the expected term of the Series D Preferred Stock. At March 31, 2010, the unamortized discount on the Series D Preferred Stock was \$321,629.

13. STOCKHOLDERS EQUITY

Common Stock

The Company is authorized to issue 170,000,000 shares of common stock, \$.0001 par value per share, of which 77,713,398 shares were outstanding as of March 31, 2010.

Holders of common stock have equal rights to receive dividends when, as and if declared by the Board of Directors, out of funds legally available therefore. Holders of common stock have one vote for each share held of record and do not have cumulative voting rights.

Holders of common stock are entitled, upon liquidation of the Company, to share ratably in the net assets available for distribution, subject to the rights, if any, of holders of any preferred stock then outstanding. Shares of common stock are not redeemable and have no preemptive or similar rights. All outstanding shares of common stock are fully paid and nonassessable.

Warrants

The Company has issued warrants to certain creditors, investors, investment bankers and consultants. A summary of warrant activity is as follows:

| | Total Warrants | Weighted average exercise price | Weighted average remaining life (in years) | Aggregate intrinsic value |
|----------------------------------------------|----------------|------------------------------------------|--------------------------------------------------------|---------------------------------|
| Outstanding, as of December 31, 2009 | 16,775,791 | \$ 0.33 | 4.09 | |
| | | | | |
| Granted | | | | |
| Exercised | | | | |
| Expired | | | | |
| Outstanding at March 31, 2010 | 16,775,791 | 0.33 | 3.84 | \$ |
| Vested or expected to vest at March 31, 2010 | 16,775,791 | 0.33 | 3.84 | |
| Exercisable at March 31, 2010 | 16,775,791 | 0.33 | 3.84 | |

The warrants outstanding and exercisable at March 31, 2010 were in the following exercise price ranges:

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| | Warrants outstanding and Exercisable | | | | |
|--------------------------|--------------------------------------|--------------------------------------------|--|--|--|
| Range of exercise prices | Number of warrants | Weighted average remaining life (in years) | | | |
| \$ 0.30 | 15,798,014 | 4.03 | | | |
| 0.75 | 533,333 | 1.36 | | | |
| 1.00 | 444,444 | 0.19 | | | |
| | 16,775,791 | | | | |

14. COMPREHENSIVE INCOME/(LOSS)

Comprehensive income (loss) consists of net income (loss) and other gains and losses affecting shareholders—equity (deficit) that, under generally accepted accounting principles, are excluded from net income (loss) in accordance with ASC 220. The Company, however, does not have any components of other comprehensive income (loss) as defined by ASC 220 and therefore, for the three months ended March 31, 2010 and 2009, comprehensive income (loss) is equivalent to the Company—s reported net income (loss). Accordingly, a separate statement of comprehensive income (loss) is not presented.

15. SEGMENT INFORMATION

The Company has determined that its continuing operations are one discrete segment consisting of Biometric products. Prior to the sale of the Law Enforcement division in December 2009, that division had been reported as a separate segment. Geographically, North American sales accounted for approximately 96% and 98% of the Company s total sales for the three months ended March 31, 2010 and 2009, respectively.

16. INCOME TAXES

The Company has a valuation allowance against the full amount of its net deferred taxes. The Company currently provides a valuation allowance against deferred taxes when it is more likely than not that some portion, or all of its deferred tax assets will not be realized.

The Company has reduced its deferred tax assets and the associated valuation allowance for gross unrecognized tax affected benefits by approximately \$4,100,000. There was no adjustment to accumulated deficit as a result of these unrecognized tax benefits since there was a full valuation allowance against the related deferred tax assets. If these unrecognized tax benefits are ultimately recognized, they would have no impact on the effective tax rate due to the existence of the valuation allowance.

The Company has not been audited by the Internal Revenue Service (IRS) or any states in connection with income taxes. The Company files income tax returns in the U.S. federal jurisdiction and various state jurisdictions. The periods from 2007-2009 remain open to examination by the IRS and state jurisdictions. The Company believes it is not subject to any tax risk beyond the preceding discussion. The Company s policy is to recognize interest and penalties accrued on any unrecognized tax benefits as a component of income tax expense. The Company does not have any accrued interest or penalty associated with any unrecognized tax benefits, nor was any significant interest expense recognized during the

three months ended March 31, 2010 and 2009.

For the three months ended March 31, 2010, \$5,000 has been accrued for state and federal tax liabilities.

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|----|-----|-----|---|------------|---|----|---|------|-----|
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| | | | | | | | | | |

ITEM 2. MANAGEMENT S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITIONS AND RESULTS OF OPERATIONS

CAUTIONARY STATEMENT FOR FORWARD-LOOKING STATEMENTS

The information contained in this Report on Form 10-Q and in other public statements by the Company and Company officers include or may contain certain forward-looking statements. All statements other than statements of historical facts contained in this Report on Form 10-Q, including statements regarding our future financial position, business strategy and plans and objectives of management for future operations, are forward-looking statements. The words anticipate, believe, estimate, will, may, future, plan, intend and expect and similar expresidentify forward-looking statements. Although we believe that our plans, intentions and expectations reflected in the forward-looking statements are reasonable, we cannot be sure that they will be achieved. Actual results may differ materially from the forward-looking statements contained herein due to a number of factors.

Many of these factors are set forth in the Company s most recent Annual Report on Form 10-K under the caption Risk Factors and other filings with the Securities and Exchange Commission. These factors are not intended to represent a complete list of the general or specific factors that may affect us. It should be recognized that other factors, including general economic factors and business strategies may be significant, presently or in the future. Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise.

OVERVIEW

OVERVIEW 31

BIO-key International, Inc. (the Company, BIO-key, we, or us) was founded in 1993 to develop and market advanced fingerprint biometric technology and software solutions. Biometric technology is the science of analyzing specific human characteristics which are unique to each individual in order to identify a specific person from a broader population. First incorporated as BBG Engineering, the company became SAC Technologies in 1994. The BIO-key name was introduced in 2002.

We develop and market advanced fingerprint identification biometric technology and software solutions. We were among the

initial pioneers in developing automated, finger identification technology that can be used without the aid of non-automated methods of identification such as a personal identification, password, token, smart card, ID card, credit card, passport, driver s license or other form of possession or knowledge based identification. This advanced BIO-key identification technology improves both the accuracy and speed of finger-based biometrics.

Since our inception in 1993, we have spent substantial time and effort in completing the development of what we believe is the most discriminating and effective commercially available finger-based biometric technology. During the past five years, our primary focus has shifted to marketing and selling this technology and completing strategic acquisitions that can help us leverage our capability to deliver identification solutions. We have built a direct sales force of professionals with substantial experience in selling technology solutions to government and corporate customers.

In 2007, BIO-key completed a transaction with ZOLL Data Systems, Inc. (ZOLL), a subsidiary of ZOLL Medical Corporation, in which ZOLL acquired substantially all of the assets related to the Company s Fire/EMS Services division. In 2009, BIO-key completed a transaction with InterAct911 Mobile Systems, Inc. (InterAct911), a subsidiary of InterAct911 Corporation, in which InterAct911 acquired substantially all the assets related to the Company s Law Enforcement division.

As a result of these transactions, we have organized the Company into one reporting segment: Biometrics. The Company is now focusing on its primary objectives of increasing revenue and managing expenses, by developing leadership technology and applications, and by providing its customers with high quality support and service.

CRITICAL ACCOUNTING POLICIES

For detailed information on our critical accounting policies and estimates, see our financial statements and notes thereto included in this Report and in our Annual Report on Form 10-K, for the year ended December 31, 2009. There have been no material changes to our critical accounting policies and estimates from those disclosed in our 10-K filed on March 26, 2010.

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RECENT ACCOUNTING PRONOUNCEMENTS

In January 2010, the FASB issued ASU 2010-06, Fair *Value Measurements and Disclosures (Topic 820), Improving Disclosures about Fair Value Measurements*, amending ASC 820. ASU 2010-06 requires entities to provide new disclosures and clarify existing disclosures relating to fair value measurements. The new disclosures and clarifications of existing disclosures are effective for interim and annual reporting periods beginning after December 15, 2009, except for the disclosures about purchases, sales, issuances, and settlements in Level 3 fair value measurements, which are effective for fiscal years beginning after December 15, 2010 and for interim periods within those fiscal years. The Company is currently evaluating the impact of ASU 2010-06, but does not expect its adoption to have a material impact on the Company s financial position or results of operations.

In September 2009, the FASB issued ASU 2009-13, *Multiple Element Arrangements*. ASU 2009-13 addresses the determination of when the individual deliverables included in a multiple arrangement may be treated as separate units of accounting. ASU 2009-13 also modifies the manner in which the transaction consideration is allocated across separately identified deliverables and establishes definitions for determining fair value of elements in an arrangement. This standard must be adopted by the Company no later than January 1, 2011 with earlier adoption permitted. The Company is currently evaluating the impact, if any, that this standard update will have on its consolidated financial statements.

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RESULTS OF OPERATIONS

THREE MONTHS ENDED MARCH 31, 2010 AS COMPARED TO MARCH 31, 2009

INTRODUCTION

Consolidated Results of Operations - Percent Trend

| | Three Months Ended | l March 31, |
|------------------------------------------|--------------------|-------------|
| | 2010 | 2009 |
| Revenues | | |
| Services | 9% | 24% |
| License fees and other | 91% | 76% |
| | 100% | 100% |
| Costs and other expenses | | |
| Cost of services | 3% | 3% |
| Cost of license fees and other | 8% | 22% |
| | 11% | 25% |
| Gross Profit | 89% | 75% |
| | | |
| Operating expenses | | |
| Selling, general and administrative | 72% | 163% |
| Research, development and engineering | 29% | 47% |
| | 101% | 210% |
| Operating Loss | -12% | -135% |
| | | |
| Other income (deductions) | 70% | -12% |
| Income (loss) from continuing operations | 58% | -147% |
| Income from discontinued operations | 44% | 188% |
| _ | | |
| Net Income | 102% | 41% |
| | | |

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| | Three months ended March 31, | | | | | |
|--------------------|---------------------------------|----|---------|----|-----------|----------|
| | 2010 | | 2009 | | \$ Change | % Change |
| Revenues | | | | | | |
| Service | 92,043 | | 131,350 | | (39,307) | -30% |
| License & other | 884,132 | | 406,844 | | 477,288 | 117% |
| Total Revenue | \$ 976,175 | \$ | 538,194 | \$ | 437,981 | 81% |
| | | | | | | |
| Cost of goods sold | | | | | | |
| Service | 30,429 | | 17,417 | | 13,012 | 75% |

79,671

110,100

119,662

137.079 \$

(39,991)

(26,979)

-33%

-20%

Revenues

License & other

Total COGS

For the three months ended March 31, 2010, Service revenue decreased 30% as the Company performed fewer customized software services. License revenue increased 117% and was positively impacted by a large order from a new customer.

Costs of goods sold

For the three months ended March 31, 2010, cost of service increased 75% due to increased customer support for new customers. License and other costs for the three months ended March 31, 2010 decreased 33% due to a decrease in costs for temporary outside services required to support specific customer order requirements.

Selling, general and administrative

| | Three months ended March 31, | | | | | | |
|-------------------------------------|---------------------------------|---------|----|---------|-----------|-----------|----------|
| | | 2010 | | 2009 | \$ Change | | % Change |
| Selling, general and administrative | \$ | 700.021 | \$ | 878 462 | \$ | (178 441) | -20% |

Selling, general and administrative costs for the three months ended March 31, 2010 decreased 20% from the same period in 2009. The three months ended March 31, 2009 included \$35,000 in non-cash compensation charges in accordance with the provisions of ASC 718-10. Reduction in legal and professional services expenses were also significant contributors to the decrease.

Research, development and engineering

INTRODUCTION 36

Three months ended March 31,

| | 2010 | | 2009 | | \$ Change | | % Change |
|---------------------------------------|------|---------|------|---------|-----------|--------|----------|
| Research, development and engineering | \$ | 284,788 | \$ | 250,267 | \$ | 34,521 | 14% |

For the three months ended March 31, 2010, research, development and engineering costs increased 14% from the same period in 2009 as the Company employed temporary outside services for specific new projects.

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Other income and expense

| | Three months ended March 31, | | | | |
|-----------------------------------|---------------------------------|----|-------------|-----------|----------|
| | 2010 | | 2009 | \$ Change | % Change |
| Derivative and warrant fair value | | | | | |
| adjustments | \$ 786,710 | \$ | (35,330) \$ | 822,040 | 2497% |
| Interest income | 60,000 | | | 60,000 | n/a |
| Interest expense | (162,736) | | (23,494) | (139,242) | 592% |
| Other income (expense) | | | (3,375) | 3,375 | -100% |
| | | | | | |
| Total | \$ 683,974 | \$ | (62,199) \$ | 746,173 | 1200% |

For the quarter ended March 31, 2010, the change in derivative and warrant fair value adjustments increased, when compared to the prior quarter ended December 31, 2009 period, due to changes in the fair market value of embedded derivatives and detachable warrants issued with convertible debt in 2005, 2006 and 2009. The fair value of the derivatives will fluctuate based on; our stock price on the valuation date, the debt conversion price, the volatility of our stock price over a period of time, changes in the value of the risk free interest rate, and the time to maturity of the outstanding debt at different points in time. Stock price and volatility are the major drivers behind the movement in the Company s balances. In dollar terms, our stock price decreased 13 %, and volatility decreased 37% during the 2010 period over the prior quarter in 2009.

For the quarter ended March 31, 2010, the interest income was attributable to the Note Receivable.

For the quarter ended March 31, 2009, the interest expense was attributable to the repayment of the Note Payable. For the quarter ended March 31, 2010, the interest expense was attributable to the non-cash amortization of the discount.

LIQUIDITY AND CAPITAL RESOURCES

Net cash used in operations during the three months ended March 31, 2010 was approximately \$737,000. The cash used for operating activities was primarily due to the following items:

- Negative cash flows related to an increase in accounts receivable of approximately \$550,000, offset by an increase in deferred revenue of approximately \$101,000; and
- Negative cash flows from a decrease in accounts payable and accrued expenses of approximately \$230,000 due to the payment of increased year-end expenses.

The following non-cash items reflected in the Company s statement of operations are used to reconcile the net income to the net cash used in operating activities during the period ended March 31, 2010:

| • | The Company issued convertible notes in 2005 and 2006 and preferred stock in 2009, all of which contained embedded derivatives, |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|
| and associa | ted warrants. During the first quarter of 2010, the Company realized gains of approximately \$787,000 related to the decrease in value |
| of the deriv | atives and associated warrants. The decrease in value is driven mainly by the decrease in value of the underlying BIO-key stock. |
| | |
| | |
| | |

• The Company recorded the amount equal to the original value of the derivatives as a discount to the preferred stock which is being accreted to the principal balance. The Company recorded approximately \$163,000 for discount charges during the first quarter of 2010.

• The Company recorded approximately \$12,000 of charges during the first quarter of 2010 for the expense of issuing options to employees for services.

Working capital at March 31, 2010 was approximately \$1,821,000 as compared to approximately \$868,000 at December 31, 2009. The improvement was driven mainly by the Company s decrease in stock price.

Since January 7, 1993 (date of inception), our capital needs have been principally met through proceeds from the sale of

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Table of Contents equity and debt securities. We do not expect any material capital expenditures during the next twelve months. We do not currently maintain a line of credit or term loan with any commercial bank or other financial institution. Liquidity outlook At March 31, 2010, our total of cash and cash equivalents was \$487,971, as compared to \$792,426 at December 31, 2009. As discussed above, the Company has financed itself in the past through access to the capital markets by issuing convertible debt securities, convertible preferred stock and common stock. We currently require approximately \$360,000 per month to conduct our operations. During the first three months of the 2010, we generated approximately \$976,000 of revenue. While the Company expects to increase revenue through the remainder of 2010, there can be no assurance that we will achieve that goal. The Company s outstanding shares of Series D Convertible Preferred Stock is redeemable in cash by the holders of such shares on December 31, 2010. This obligation also continues to accrue dividends. If we are unable to generate sufficient revenue to meet our goals, we will need to obtain additional third-party financing to (i) conduct the sales,

If we are unable to generate sufficient revenue to meet our goals, we will need to obtain additional third-party financing to (i) conduct the sales marketing and technical support necessary to execute our plan to substantially grow operations, increase revenue and serve a significant customer base; and (ii) provide working capital. Therefore, we will need to obtain additional financing through the issuance of debt or equity securities, or to restructure our financial position through similar transactions to those consummated during 2006, 2007 and 2009.

Due to several factors, including our history of losses and limited revenue, our independent auditors have included an explanatory paragraph in opinions they have previously issued related to our annual financial statements as to the substantial doubt about our ability to continue as a going concern. Our long-term viability and growth will depend upon the successful commercialization of our technologies and our ability to obtain adequate financing. In addition, the ongoing financial crisis in the global capital markets and the current negative global economic trends have had an adverse impact on market participants including, among other things, volatility in security prices, diminished liquidity, and limited access to financing. These events could, therefore, affect our efforts to commercialize our technology and to obtain adequate financing. In particular, these conditions could impact the ability and willingness of our current and prospective customers to make investments in our technology and pay their obligations to us. To the extent that we require such additional financing, no assurance can be given that any form of additional financing will be available on terms acceptable to us, that adequate financing will be obtained to meet our needs, or that such financing would not be dilutive to existing stockholders. If available financing is insufficient or we fail to continue to generate meaningful revenue, we may be required to further reduce operating expenses, delay the expansion of operations, be unable to pursue merger or acquisition candidates, or continue as a going concern.

ITEM 4. CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

An evaluation of the effectiveness of the Company $\,$ s $\,$ disclosure controls and procedures $\,$ (as such term is defined in Rules 13(a)-15(e) of the Securities Exchange Act of 1934, as amended (the Exchange Act)) as of March 31, 2010 was carried out by the Company under the supervision and with the participation of the Company $\,$ s Chief Executive Officer ($\,$ CEO $\,$) and Chief Financial Officer ($\,$ CFO $\,$).

As previously described in our Annual Report on Form 10-K for the year ended December 31, 2009, the Company had identified certain material weaknesses in the Company s internal control systems, each of which the Company determined first occurred during the fourth quarter of 2009:

- i. Inadequate and ineffective application of complex accounting; and
- ii. Management did not sufficiently monitor internal control over financial reporting. Specifically, the Company did not have sufficient personnel with an appropriate level of technical accounting knowledge and experience who could execute appropriate application of complex accounting with respect to derivatives, warrants and stock option modification.

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| Throughout the quarter ended March 31, 2010, we have implemented changes that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting. These measures included the following: | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| i. | Solicitation of additional experts to help ensure the accuracy of our complex accounting financial reporting; and | | | |
| | Use of outside subject matter experts to review the Company s proposed accounting treatment of derivative, warrant, tible instrument activity during the applicable reporting period. | | | |
| 2010, our disclosure cor reports we file or submi Securities and Exchange disclosure items, our int | e Company s operating results for the period covered by this report, our CEO and CFO determined that, as of March 31, atrols and procedures were effective in providing reasonable assurance that information we are required to disclose in t under the Exchange Act is recorded, processed, summarized and reported within the time periods specified by the e Commission rules and forms. Our management reached this conclusion after identifying our system to capture ernal process of review for account reconciliations, our documentation of internal controls and our internal process for report on Form 10-Q for the quarterly period ended March 31, 2010 as being adequate to provide such assurance. | | | |
| Changes in Internal Con | ntrol Over Financial Reporting | | | |
| During the fiscal quarter report. | r ended March 31, 2010, the Company solicited additional experts to assist in the preparation of the Company s quarterly | | | |
| PART II OTHER IN | FORMATION | | | |

ITEM 6. EXHIBITS

The exhibits listed in the Exhibits Index immediately preceding such exhibits are filed as part of this Report.

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SIGNATURES

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In accordance with the requirements of the Securities Exchange Act of 1934, the registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BIO-Key International, Inc.

Dated: May 14, 2010 /s/ MICHAEL W. DEPASQUALE

Michael W. DePasquale Chief Executive Officer

Dated: May 14, 2010 /s/ CECILIA C. WELCH

Cecilia C. Welch Chief Financial Officer

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EXHIBIT INDEX

| Exhibit No. 10.1(1) | Description Employment Agreement, effective March 25, 2010, by and between the Company and Michael W. DePasquale |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 31.1(2) | Certificate of CEO of Registrant required under Rule 13a-14(a) under the Securities Exchange Act of 1934, as amended |
| 31.2 (2) | Certificate of CFO of Registrant required under Rule 13a-14(a) under the Securities Exchange Act of 1934, as amended |
| 32.1(2) | Certificate of CEO of Registrant required under 18 U.S.C. Section 1350 |
| 32.2 (2) | Certificate of CFO of Registrant required under 18 U.S.C. Section 1350 |
| (1) F 2010 | iled as an exhibit to the registrant s current report on Form 10-K filed with the Securities and Exchange Commission on March 26, |
| (2) F | ïled herewith |

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