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

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported): April 24, 2014

PDF SOLUTIONS, INC.

(Exact name of registrant as specified in its charter)

000-31311 (Commission File Number)

Delaware (State or Other Jurisdiction of Incorporation)

25-1701361 (I.R.S. Employer Identification No.)

333 West San Carlos Street, Suite 1000 San Jose, CA 95110

(Address of principal executive offices, with zip code)

(408) 280-7900

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

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Item 2.02. Results of Operations and Financial Condition.

On April 24, 2014 PDF Solutions (the "Company") issued a press release regarding its financial results and certain other information related to the first fiscal quarter ended March 31, 2014. A copy of the press release is attached hereto as Exhibit 99.1.

The information in this Item 2.02, including Exhibit 99.1, is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities under that Section, and shall not be deemed incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

	Description					
Exhibit No.						
99.1	Press Release dated April 24, 2014 regarding financial results and certain other information related to the first fiscal quarter ended March 31, 2014.					

SIGNATURES

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

PDF SOLUTIONS, INC. (Registrant)

By: /s/ Gregory C. Walker

Gregory C. Walker VP, Finance, and Chief Financial Officer (principal financial and accounting officer)

Dated: April 24, 2014

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release dated April 24, 2014 regarding financial results and certain other information related to the first fiscal quarter ended March
	31, 2014.

News Release

Company Contacts: Gregory Walker, VP, Finance and CFO Tel: (408) 938-6457 Email:gregory.walker@pdf.com

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PDF Solutions® Reports First Fiscal Quarter Results

SAN JOSE, Calif.—April 24, 2014—PDF Solutions, Inc. ("PDF Solutions" or the "Company") (NASDAQ: PDFS) the leading provider of yield improvement technologies and services for the integrated circuit (IC) manufacturing process life cycle, today announced financial results for its first fiscal quarter ended March 31, 2014.

Total revenues for the first fiscal quarter of 2014 totaled \$27.1 million, which were the same as for the fourth fiscal quarter of 2013 and up 12% when compared to total revenues of \$24.1 million for the first fiscal quarter of 2013. Design-to-silicon-yield solutions revenue for the first fiscal quarter of 2014 totaled \$14.9 million, which was the same as for the fourth fiscal quarter of 2013 and up only slightly when compared to design-to-silicon-yield solutions revenue of \$14.8 million for the first fiscal quarter of 2013. Gainshare performance incentives revenue for the first fiscal quarter of 2014 totaled \$12.2 million, which was the same as for the fourth fiscal quarter of 2013 and up 31% when compared to gainshare performance incentives revenue of \$9.3 million for the first fiscal quarter of 2013.

On a GAAP basis, net income for the first fiscal quarter of 2014 was \$6.3 million, or \$0.21 per basic and \$0.20 per diluted share, compared to \$6.8 million, or \$0.23 per basic and \$0.21 per diluted share, for the fourth fiscal quarter of 2013, and compared to \$4.7 million, or \$0.16 per basic and \$0.15 per diluted share, for the first fiscal quarter of 2013.

Cash and cash equivalents were \$101.0 million at March 31, 2014, compared to \$89.4 million at December 31, 2013.

Non-GAAP net income for the first fiscal quarter of 2014 was \$9.5 million, or \$0.30 per diluted share, compared to \$10.8 million, or \$0.34 per diluted share, for the fourth fiscal quarter of 2013, and compared to \$6.7 million, or \$0.22 per diluted share, for the first fiscal quarter of 2013. EBITDAR for the first fiscal quarter of 2014 was \$11.5 million, or \$0.36 per diluted share, compared to \$12.3 million, or \$0.39 per diluted share, for the fourth fiscal quarter of 2013, and compared to \$8.1 million, or \$0.26 per diluted share, for the first fiscal quarter of 2013.

As previously announced, PDF Solutions will discuss these results on a live conference call beginning at 2:00 p.m. Pacific Time/5:00 p.m. Eastern Time today. The call will be simultaneously web cast on PDF Solutions' website at http://www.pdf.com/events. A replay of the web cast will be available at the same website address beginning approximately two hours after completion of the live call. A copy of this press release, including the disclosure and reconciliation of certain non-GAAP financial measures to the comparable GAAP measures, which non-GAAP measures may be used periodically by PDF Solutions' management when discussing financial results with investors and analysts, will also be available on PDF Solutions' website at http://www.pdf.com/press-releases following the date of this release.

Information Regarding Use of Non-GAAP Financial Measures

In addition to providing results that are determined in accordance with Generally Accepted Accounting Principles in the United States of America (GAAP), PDF Solutions also provides certain non-GAAP financial measures. Non-GAAP net income excludes the effects of stock-based compensation expenses, amortization of acquired technology and other acquired intangible assets, restructuring charges, and their related income tax effects, as applicable, as well as adjusts for the non-cash portion of income taxes. EBITDAR is calculated by taking GAAP net income, adding back stock-based compensation expenses, amortization of acquired technology and other acquired intangibles, restructuring charges, depreciation expense and income tax provision (benefit). These non-GAAP financial measures are used by management internally to measure the Company's profitability and performance. PDF Solutions' management believes that these non-GAAP measures provide useful supplemental measures to investors regarding the Company's ongoing operations in light of the fact that none of these categories of expense has a current effect on the future uses of cash (with the exception of restructuring charges) nor do they impact the generation of current or future revenues. These non-GAAP results should not be considered an alternative to, or a substitute for, GAAP financial information, and may be different from similarly titled non-GAAP measures used by other companies. In particular, these non-GAAP financial measures are not a substitute for GAAP measures of income or loss as a measure of performance, or to cash flows from operating, investing and financing activities as a measure of liquidity. Since management uses these non-GAAP financial measures internally to measure profitability and performance, PDF Solutions has included these non-GAAP measures to give investors an opportunity to see the Company's financial results as viewed by management. A reconciliation of the comparable GAAP financial measures to the non-GAAP financial measures is provid

Forward-Looking Statements

The statements made on the conference call to discuss these results regarding PDF Solutions' final financial results for its first fiscal quarter ended March 31, 2014, including the Company's future expected financial results, are forward looking and are subject to events and circumstances of the future. Actual results could differ materially from those expressed in these forward-looking statements. Risks and uncertainties that could cause results to differ materially include risks associated with: customers' production volumes at Gainshare-covered facilities; continued adoption of the Company's solutions by new and existing customers; project milestones or delays and performance criteria achieved; and other risks set forth in PDF Solutions' periodic public filings with the Securities and Exchange Commission, including, without limitation, its Annual Reports on Form 10-K, most recently filed for the year ended December 31, 2013, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K and amendments to such reports. The forward-looking statements made in the conference call are made as of the date hereof, and PDF Solutions does not assume any obligation to update such statements nor the reasons why actual results could differ materially from those projected in such statements.

About PDF Solutions

PDF Solutions, Inc. (NASDAQ: PDFS) is the leading provider of yield improvement technologies and services for the IC manufacturing process life cycle. PDF Solutions offers solutions that are designed to enable clients to lower costs of IC design and manufacture, enhance time to market, and improve profitability by addressing design and manufacturing interactions from product design to initial process ramps to mature manufacturing operations. PDF Solutions' Characterization Vehicle® (CV®) electrical test chip infrastructure provides the core modeling capabilities, and is used by more leading manufacturers than any other test chips in the industry. Proprietary TemplateTM layout patterns provide optimum area, performance, and manufacturing in part by leveraging IC products. The proprietary ExensioTM solution for YieldAwareTM FDC enables world-class variability control in manufacturing, in part by leveraging PDF Solutions' industry-leading dataPOWER® yield management system (YMS) and mæstria® fault detection and classification (FDC) software. Headquartered in San Jose, Calif., PDF Solutions operates worldwide with additional offices in Canada, China, France, Germany, Italy, Japan, Korea, Singapore, and Taiwan. For the Company's latest news and information, visit http://www.pdf.com/.

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PDF SOLUTIONS, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (UNAUDITED) (In thousands)

		March 31, 2014	D	ecember 31, 2013
ASSETS				
Current assets:				
Cash and cash equivalents	\$	100,994	\$	89,371
Accounts receivable, net		32,515		34,860
Deferred tax assets - current portion		4,185		5,920
Prepaid expenses and other current assets		4,110		3,632
Total current assets	·	141,804		133,783
Property and equipment, net		7,582		7,064
Deferred tax assets - long-term portion		8,448		8,599
Other non-current assets		1,479		1,718
Total assets		159,313		151,164
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Accounts payable	\$	961	\$	1.129
Accrued compensation and related benefits	Ψ	5,285	Ψ	7,707
Accrued and other current liabilities		3,685		1,593
Deferred revenues		4,526		2,096
Billings in excess of recognized revenues		591		343
Total current liabilities		15,048	-	12,868
Non-current liabilities		3,366		3,584
Total liabilities		18,414		16,452
Stockholders' equity:				
Common stock and additional paid-in-capital		236,940		233,818
Treasury stock at cost		(32,043)		(28,905)
Accumulated deficit		(64,394)		(70,649)
Accumulated other comprehensive income		396		448
Total stockholders' equity		140,899	_	134,712
Total liabilities and stockholders' equity	\$	159,313	\$	151,164

PDF SOLUTIONS, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (UNAUDITED) (In thousands, except per share amounts)

		Three months ended				
		March 31, December 31, 2014 2013		March 31, 2013		
Revenues:						
Design-to-silicon-yield solutions	\$	14,919	\$ 14,897	\$ 14,848		
Gainshare performance incentives		12,167	12,181	9,262		
Total revenues	_	27,086	27,078	24,110		
Direct costs of design-to-silicon-yield solutions		9,705	9,565	9,657		
Gross profit		17,381	17,513	14,453		
Operating expenses:						
Research and development		3,596	3,370	3,364		
Selling, general and administrative		4,329	4,015	4,794		
Amortization of other acquired intangible assets		18	18	18		
Restructuring charges (credits)		57	232	(52)		
Total operating expenses	_	8,000	7,635	8,124		
Income from operations		9,381	9,878	6,329		
Interest and other income (expense), net		(87)	45	250		
Income before income taxes		9,294	9,923	6,579		
Income tax provision		3,039	3,101	1,848		
Net income	\$	6,255	\$ 6,822	\$ 4,731		
Net income per share:						
Basic	\$	0.21	\$ 0.23	\$ 0.16		
Diluted	\$	0.20	\$ 0.21	\$ 0.15		
Weighted average common shares:						
Basic		30,477	30,303	29,353		
Diluted		31,965	31,954	30,815		
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PDF SOLUTIONS, INC. RECONCILIATION OF GAAP TO NON-GAAP NET INCOME (UNAUDITED) (In thousands, except per share amounts)

	Three months ended					
	March 31, 2014		December 31, 2013		March 31, 2013	
GAAP net income	\$	6,255	\$	6,822	\$	4,731
Adjustments to reconcile GAAP net income to non-GAAP net income:						
Stock-based compensation expense		1,659		1,751		1,309
Amortization of other acquired intangible assets		18		18		18
Restructuring charges (credits)		57		232		(52)
Non-cash portion of income tax expense		1,499		1,951		730
Non-GAAP net income	\$	9,488	\$	10,774	\$	6,736
GAAP net income per diluted share	\$	0.20	\$	0.21	\$	0.15
Non-GAAP net income per diluted share	\$	0.30	\$	0.34	\$	0.22
Shares used in diluted shares calculation		31,965		31,954		30,815

PDF SOLUTIONS, INC. RECONCILIATION OF GAAP NET INCOME TO EBITDAR (UNAUDITED) (In thousands, except per share amounts)

	Three months ended					
	March 31 2014	,	December 31, 2013	March 31, 2013		
GAAP net income		6,255	6,822	4,731		
Adjustments to reconcile GAAP net income to EBITDAR:						
Stock-based compensation expense		1,659	1,751	1,309		
Amortization of other acquired intangible assets		18	18	18		
Restructuring charges (credits)		57	232	(52)		
Depreciation expense		458	425	256		
Income tax provision		3,039	3,101	1,848		
EBITDAR	\$ 1	1,486 \$	12,349	\$ 8,110		
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EBITDAR per diluted share	<u>\$</u>	0.36 \$	0.39	\$ 0.26		
Shares used in diluted shares calculation	3	1,965	31,954	30,815		