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): October 25, 2006

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 700 San Jose, CA 95110

(Address of principal executive offices, with zip code)

(408) 280-7900

(Registrant's telephone number, including area code)

eck 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 visions:
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 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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Item 2.02 Results of Operations and Financial Condition.

On October 25, 2006, the Registrant issued a press release regarding its financial results and certain other information related to the third fiscal quarter of 2006 ended September, 2006. 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 furnished and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities under that Section and shall not be deemed to be incorporated by reference into the filings of the Company under the Securities Act of 1933, as amended.

Item 7.01 Regulation FD Disclosure.

On October 25, 2006, the Registrant issued a press release regarding the financial outlook for the fourth fiscal quarter ending December 31, 2006 and the full fiscal year ending December 31, 2007. A copy of the press release is attached hereto as Exhibit 99.2. The information in this Item 7.01, including Exhibit 99.2, is furnished and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities under that Section and shall not be deemed to be incorporated by reference into the filings of the Company under the Securities Act of 1933, as amended.

Item 9.01. Financial Statements and Exhibits.

(c) Exhibits

Exhibit No.	Description
99.1	Press Release dated October 25, 2006 regarding financial results and certain other information related to the third fiscal quarter of 2006 ended September 30, 2006.
99.2	Press Release dated October 25, 2006 regarding the financial outlook for the fourth fiscal quarter ending December 31, 2006 and the full fiscal year ending December 31, 2007.

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/ Keith A. Jones Keith A. Jones

Vice President, Finance and Chief Financial Officer

Dated: October 25, 2006

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release dated October 25, 2006 regarding financial results and certain other information related to the third fiscal quarter of 2006 ended September 30, 2006.
99.2	Press Release dated October 25, 2006 regarding the financial outlook for the fourth fiscal quarter ending December 31, 2006 and the full fiscal year ending December 31, 2007.

News Release

Investor Relations Contact: Steven Melman, V.P. of Investor Relations PDF Solutions, Inc. Tel: (408) 938-6445 Email: steven.melman@pdf.com Corporate Communications Contact: Abbie Kendall, Principal Armstrong Kendall, Inc. Tel: (503) 672-4681 Email: abbie@akipr.com

PDF Solutions® Reports Third Quarter 2006 Results

SAN JOSE, Calif.—October 25, 2006—PDF Solutions, Inc. (Nasdaq: PDFS) the leading provider of process-design integration technologies to enhance IC manufacturability, today announced financial results for its third fiscal quarter ended September 30, 2006.

Revenue for the third fiscal quarter of 2006 totaled \$19.4 million, an increase of 5%, compared with revenue of \$18.5 million for the third fiscal quarter of 2005. Gain share revenue for the third fiscal quarter of 2006 totaled \$4.4 million, an increase of 42%, compared to the third fiscal quarter of 2005. On a GAAP basis, net income for the third fiscal quarter of 2006 totaled approximately \$570,000, or \$0.02 per basic and diluted share, compared with net income of \$1.5 million, or \$0.06 per basic and diluted share, for the third fiscal quarter of 2005. The adoption of SFAS 123(R) during fiscal year 2006 resulted in \$1.5 million in stock-based compensation expense during the third fiscal quarter or approximately \$0.05 per diluted share.

In addition to using GAAP results in evaluating PDF Solutions' business, management also believes it is useful to measure results using a non-GAAP measure of net income, which excludes stock-based compensation expense and amortization of acquired intangible assets. Using this non-GAAP measure, net income for the third fiscal quarter of 2006 totaled approximately \$3.6 million, or \$0.13 per diluted share, compared with non-GAAP net income of approximately \$3.0 million, or \$0.11 per diluted share, for the third fiscal quarter of 2005.

"While customer production wafer volumes were lower than expected and affected our gainshare revenue this quarter, the number of new integrated solutions engagements and

dataPOWER® license revenues were strong, thereby demonstrating our customer's continued confidence in our product and service offerings," stated chief executive officer John Kibarian.

As previously announced, PDF will hold a live conference call beginning at 3:00 p.m. Pacific Time/6:00 p.m. Eastern Time today to discuss these results. A live webcast of this conference call will be available on PDF Solutions' website at http://ir.pdf.com/medialist.cfm. A replay of the call will be available at the same website address beginning approximately two hours after completion of the live call. Further, a copy of this press release, including the disclosure and reconciliation of certain non-GAAP financial measures to the comparable GAAP measure, which non-GAAP measures may be used periodically by PDF Solutions' management when discussing financial results with investors and analysts, will be available on PDF Solutions' website at http://www.pdf.com/news_archive.phtml 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 that exclude the effects of stock-based compensation expense and amortization of acquired intangible assets, and their related income tax effects. PDF Solutions' management believes that the presentation of these measures provides useful supplemental information to investors regarding PDF's operating results. These non-GAAP financial measures are used by management internally to measure the company's profitability and performance. PDF's management believes that excluding the effects of stock-based compensation expense and amortization of acquired intangible assets, and their related income tax effects, provides a useful supplemental measure of the company's ongoing operations in light of the fact that neither category of expense has a current effect on the future uses of cash nor do they have use with regards to 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 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 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 non-GAAP financial measures to the comparable GAAP financial measure is provided at the end of the company's financial statements presented below.

About PDF Solutions

PDF Solutions, Inc. (Nasdaq: PDFS) is the leading provider of process-design integration technologies for manufacturing integrated circuits (ICs). PDF Solutions' software, methodologies and services enable semiconductor companies to create IC designs that can be more easily manufactured using manufacturing processes that are more capable. By simulating

deep sub-micron product and process interactions, the PDF solution offers clients reduced time to market, increased IC yield and performance, and enhanced
product reliability and profitability. Headquartered in San Jose, Calif., PDF Solutions operates worldwide with additional offices in Europe, Japan and China
For more information, visit www.pdf.com.

PDF Solutions®is a registered trademark of PDF Solutions, Inc.

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

	September 30, 2006	December 31, 2005	
ASSETS			
Current assets:			
Cash and cash equivalents	\$ 52,781	\$ 60,506	
Short-term investments	17,137	_	
Accounts receivable, net of allowances	23,420	22,082	
Prepaid expenses and other current assets	2,378	1,992	
Deferred tax assets	768	908	
Total current assets	96,484	85,488	
Property and equipment, net	3,533	3,328	
Goodwill	38,963	39,886	
Intangible assets, net	5,284	9,787	
Deferred tax assets	2,361	877	
Other assets	1,126	526	
Total assets	<u>\$ 147,751</u>	\$ 139,892	
LIABILITIES AND STOCKHOLDERS' EQUITY			
Current liabilities:			
Accounts payable	\$ 2,779	\$ 1,728	
Accrued compensation and related benefits	2,779	4,922	
Other accrued liabilities	1,729	1,469	
Taxes payable	4,262	4,950	
Deferred revenues	2,702	2,281	
Billings in excess of recognized revenue	139	1,604	
Total current liabilities	14,354	16,954	
Long-term liabilities	252	257	
-			
Total liabilities	14,606	17,211	
Stockholders' equity:			
Common stock	4	4	
Additional paid-in-capital	152,136	141,720	
Treasury stock, at cost	(5,549)	(5,549)	
Deferred stock-based compensation		(27)	
Accumulated deficit	(13,460)	(13,451)	
Accumulated other comprehensive income (loss)	14	(16)	
Total stockholders' equity	133,145	122,681	
Total liabilities and stockholders' equity.	\$ 147,751	\$ 139,892	

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

		Three Months Ended		Nine Months Ended				
	Sep	tember 30, 2006			September 30, 2006		September 30, 2005	
Revenue:	_				· <u></u>		· <u></u>	
Design-to-silicon-yield solutions:								
Integrated solutions	\$	11,153	\$	13,834	\$	33,859	\$	38,658
Software licenses		3,811		1,533		8,217		8,179
Gain share		4,400		3,090		15,155		8,069
Total revenue		19,364		18,457		57,231		54,906
Cost and expenses:								
Cost of design-to-silicon-yield solutions:								
Direct costs of design-to-silicon-yield solutions:								
Integrated solutions		6,734		6,382		19,808		17,898
Software licenses		58		15		98		273
Amortization of acquired core technology		1,266		1,266		3,798		3,798
Research and development		6,416		5,485		19,543		16,550
Selling, general and administrative		5,028		3,979		14,850		12,182
Amortization of other acquired intangible assets		235		235		705		705
Total costs and expenses		19,737		17,362		58,802		51,406
Income (loss) from operations		(373)		1,095		(1,571)		3,500
Interest and other income, net		892		463		2,338		1,085
Income before taxes		519		1,558		767		4,585
Tax provision (benefit)		(51)		22		776		313
Net income (loss)	\$	570	\$	1,536	\$	(9)	\$	4,272
Net income (loss) per share:								
Basic	\$	0.02	\$	0.06	\$	(0.00)	\$	0.17
Diluted	\$	0.02	\$	0.06	\$	(0.00)	\$	0.16
Weighted average common shares:								
Basic		26,860		26,101		26,694		25,887
Diluted	_	27,621	_	27,779	_	26,694	_	27,298

IMPACT OF NON-GAAP ADJUSTMENTS ON REPORTED NET INCOME (UNAUDITED) (In thousands, except per share amounts)

		Three Months Ended September 30, 2006			Three Months Ended September 30, 2005	
	As reported	Adjustments	Non-GAAP	As reported	Adjustments	Non-GAAP
Revenue:						
Design to-silicon-yield solutions:						
Integrated solutions	\$ 11,153	\$ —	\$ 11,153	\$ 13,834	\$ —	\$ 13,834
Software licenses	3,811	_	3,811	1,533	_	1,533
Gain share	4,400		4,400	3,090	<u></u>	3,090
Total revenue	19,364		19,364	18,457		18,457
Cost and expenses:						
Cost of design-to-silicon-yield						
solutions:						
Direct cost of design-to-						
silicon-yield solutions:						
Integrated solutions	6,734	(443)(a)	6,291	6,382	_	6,382
Software licenses	58	_	58	15	_	15
Amortization of acquired core						
technology	1,266	(1,266)(b)	_	1,266	(1,266)(b)	
Research and development	6,416	(443)(a)	5,973	5,485	(11)(a)	5,474
Selling, general and administrative	5,028	(621)(a)	4,407	3,979	(8)(a)	3,971
Amortization of other acquired		(2.2.5) (1.)			(2.2.5) (2.)	
intangible assets	235	(235)(b)		235	(235)(b)	
Total costs and expenses	19,737	(3,008)	16,729	17,362	(1,520)	15,842
Income (loss) from operations	(373)	3,008	2,635	1,095	1,520	2,615
Interest and other income	892		892	463		463
Income before taxes	519	3,008	3,527	1,558	1,520	3,078
Tax provision (benefit)	(51)	(51)(a,b)	(102)	22	21(b)	43
Net income	\$ 570	\$ 3,059	\$ 3,629	\$ 1,536	\$ 1,499	\$ 3,035
Net income per share — diluted	\$ 0.02	\$ 0.11	\$ 0.13	\$ 0.06	\$ 0.05	\$ 0.11
Weighted average common shares — diluted(c)	27,621	27,621	27,621	27,779	27,779	27,779

Notes:

⁽a) The non-GAAP adjustments represent the reversal of stock-based compensation, net of taxes.

 $⁽b) \quad \text{The non-GAAP adjustments represent the reversal of amortization of intangible assets, net of taxes.}$

⁽c) The shares used in computing non-GAAP net income for the three months ended September 30, 2006 and 2005 include the dilutive impact of common stock options.

News Release

Investor Relations Contact: Steven Melman, V.P. of Investor Relations PDF Solutions, Inc. Tel: (408) 938-6445

Email: steven.melman@pdf.com

Corporate Communications Contact: Abbie Kendall, Principal Armstrong Kendall, Inc. Tel: (503) 672-4681 Email: abbie@akipr.com

PDF Solutions® Provides Financial Outlook For The Fourth Quarter of Fiscal 2006 and Total Year Fiscal 2007

SAN JOSE, Calif.—October 25, 2006—PDF Solutions, Inc. (Nasdaq: PDFS), the leading provider of process-design integration technologies to enhance IC manufacturability, today provided its updated financial outlook for the fourth fiscal quarter ending December 31, 2006 and the total fiscal year ending December 31, 2007, respectively, both of which include the effects of its recently announced acquisition of Si Automation S.A (SIA).

PDF Solutions expects total revenue in the range of \$21.0 million to \$22.5 million for the fourth fiscal quarter ending December 31, 2006. Gain share revenue for the fourth fiscal quarter is expected to be in the range of \$4.5 million to \$5.0 million. On a GAAP basis, net income (loss) for the fourth fiscal quarter of 2006 is projected in a range of \$(295,000) to \$305,000, or \$(0.01) to \$0.01 per diluted share.

For the total fiscal year ending December 31, 2007, PDF Solutions expects total revenue in the range of \$109.0 million to \$115.0 million. On a GAAP basis, net income for the total fiscal year ending December 31, 2007 is projected in a range of \$8.3 million to \$11.0 million, or \$0.27 to \$0.36 per diluted share

In addition to using GAAP results in evaluating PDF Solutions' business, management also believes it useful to measure results using a non-GAAP measure of net income, which excludes amortization of stock-based compensation and acquired intangible assets. Non-GAAP net income for the fourth fiscal quarter ending December 31, 2006 is projected in a range of \$3.6 million to \$4.2 million, or \$0.13 to \$0.15 per diluted share. Non-GAAP net income for the total fiscal year ending December 31, 2007 is projected in a range of \$21.6 million to \$23.6 million,

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or \$0.72 to \$0.78 per diluted share. The fourth quarter results include the dilutive effects that purchase accounting will have on the consolidated financial results including SIA. However, the acquisition is expected to be accretive in the full year 2007 projections.

"Our fourth quarter guidance reflects our continued confidence in our ability to close new business and a mild improvement in customer production wafer volumes," stated chief executive officer John Kibarian. "Additionally, as we progress with the integration of our companies and purchase accounting adjustments have run their course, we anticipate a growing revenue contribution from our recently announced acquisition of Si Automation".

As previously announced, PDF will hold a live conference call beginning at 3:00 p.m. Pacific Time/6:00 p.m. Eastern Time today to discuss its third quarter 2006 results and financial outlook for the fourth fiscal quarter of 2006 and fiscal year 2007. A live webcast of this conference call will be available on PDF Solutions' website at http://ir.pdf.com/medialist.cfm. A replay of the call will be available at the same website address beginning approximately two hours after completion of the live call. Further, a copy of this press release, including the disclosure and reconciliation of certain non-GAAP financial measures to the most directly comparable GAAP measure, which non-GAAP measures may be used periodically by PDF Solutions' management when discussing financial results with investors and analysts, will be available on the company's website at http://www.pdf.com/news_archive.phtml following the date of this release.

Effectiveness of Guidance:

The outlook set forth above represents PDF Solutions' expectations only as of the date of this release, and should not be viewed as a statement about PDF Solutions' expectations after this date. Although this release will remain available on PDF Solutions' website, its continued availability does not indicate that PDF Solutions is reaffirming or confirming its continued validity. PDF Solutions does not intend to report on its progress, or provide comments to analysts or investors on, or otherwise, update such guidance until it releases its quarterly results.

Information Regarding Use of Non-GAAP Financial Measures:

In addition to providing guidance that is determined in accordance with Generally Accepted Accounting Principles in the United States of America (GAAP), PDF Solutions also provides certain non-GAAP financial measures that exclude the effects of stock-based compensation expense and amortization of acquired intangible assets, and their related income tax effects. PDF Solutions' management believes that the presentation of these measures provides useful supplemental information to investors regarding PDF's operating results. These non-GAAP financial measures are used by management internally to measure the company's profitability and performance. PDF's management believes that excluding the effects of stock-based compensation expense and amortization of acquired intangible assets, and their income tax

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effects, provides a useful supplemental measure of the company's ongoing operations in light of the fact that neither category of expense has a current effect on the future uses of cash nor do they have use with regards to the generation of current or future revenues. This non-GAAP guidance 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 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 has included these non-GAAP measures to give investors an opportunity to see the company as viewed by management. A reconciliation of the non-GAAP financial measures to the most directly comparable GAAP financial measure is provided at the end of this press release.

About PDF Solutions:

PDF Solutions, Inc. (Nasdaq: PDFS) is the leading provider of process-design integration technologies for manufacturing integrated circuits (ICs). PDF Solutions' software, methodologies and services enable semiconductor companies to create IC designs that can be more easily manufactured using manufacturing processes that are more capable. By simulating deep sub-micron product and process interactions, the PDF solution offers clients reduced time to market, increased IC yield and performance, and enhanced product reliability and profitability. Headquartered in San Jose, Calif., PDF Solutions operates worldwide with additional offices in Europe, Japan and China. For more information, visit www.pdf.com.

PDF Solutions® is a registered trademark of PDF Solutions, Inc.

Forward-Looking Statements:

The statements in this press release regarding PDF Solutions' outlook for its fourth fiscal quarter of 2006 and fiscal year of 2007, including expected revenue, net income, and net income per share, are forward looking. 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: any unforeseen industry changes; difficulties in modifying PDF's solutions on a timely basis; and changes in the marketplace for our solutions, including the introduction of products or services competitive with PDF Solutions' products and services. Readers should also refer to the risk disclosures set forth in PDF Solutions' periodic public filings with the Securities and Exchange Commission, including, without limitation, its annual report on Form 10-K, most recently filed on March 16, 2006, and its quarterly reports on Form 10-Q, most recently filed on August 9, 2006. The forward-looking statements contained in this release 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.

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PDF SOLUTIONS, INC. RECONCILIATION OF PROJECTED GAAP NET INCOME (LOSS) TO PROJECTED NON-GAAP NET INCOME (In thousands, except per share data)

PROJECTED RESULTS		Three Months Ending December 31, 2006	•
GAAP net income (loss) per share — diluted	\$ (0.01)	to	\$ 0.01
GAAP net income (loss)	\$ (295)	to	\$ 305
Amortization of stock-based compensation, net of taxes	1,500		1,500
Amortization of acquired intangible assets, net of taxes	2,390		2,390
Non-GAAP net income	\$ 3,595	to	\$ 4,195
Non-GAAP net income per share — diluted	\$ 0.13	to	\$ 0.15
Weighted average common shares — diluted	28,750		28,750
PROJECTED RESULTS		Twelve Months Endin December 31, 2007	ıg
GAAP net income per share — diluted	\$ 0.27	to	\$ 0.36
GAAP net income	\$ 8,260	to	\$ 11,000
Amortization of stock-based compensation, net of taxes	5,300		5,275
Amortization of acquired intangible assets, net of taxes	8,070		7,325
Non-GAAP net income	\$ 21,630	to	\$ 23,600
Non-GAAP net income per share — diluted	\$ 0.72	to	\$ 0.78
	* ***		