PDF SOLUTIONS INC Form SC 13G February 14, 2005

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Schedule 13G

Under the Securities Exchange Act of 1934 (Amendment No.)*

PDF SOLUTIONS INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

693282105

(CUSIP Number)

Check the following box if a fee is being paid with this statement . (A fee is not required only if the filing person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7.)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on following page(s))

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CUSIP NO. 693282105 13G Page 2 of 5 Pages

- 1 Name of Reporting Person
 S.S. or I.R.S. Identification No. of Above Person
 - T. ROWE PRICE ASSOCIATES, INC. 52-0556948

		the Appro	priate Box if a Member of a Group	(a) (b)	
3	SEC Use Only				
4	Citize	nship or	Place of Organization		
	MARYLAI	ND			
Num	ber of	5 **	Sole Voting Power		
Sha	res		204,700		
Beneficially		lly 6	Shared Voting Power		
Own	ed By l		NONE		
Rep	orting		Sole Dispositive Power		
Person		**	1,788,300		
With		8	Shared Dispositive Power		
			NONE		
9	Aggrega	ate Amour	t Beneficially Owned by Each Repo	rting Person	
	1,788,3	300			
	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares*				
	NOT API	PLICABLE			
11	Percent of Class Represented by Amount in Row 9				
	7.0%				
12	Type o	f Reporti	.ng Person*		
	IA				
	*		INSTRUCTION BEFORE FILLING OUT! ses reported in Items 5 and 6 are reported in Item 7.	also	
	EDULE :		•		
Ite	m 1(a)	Name of	Issuer:		
		Referenc	ce is made to page 1 of this Sched	ule 13G	
Ite	m 1(b)	Address	of Issuer's Principal Executive O	ffices:	
			San Carlos Street, Suite 700, Sa ia 95110-2711	n Jose,	
Ite	m 2(a)	Name of	Person(s) Filing:		

(1) T. Rowe Price Associates, Inc. ("Price

Associates")

	(2)			
	Attached as Exhibit A is a copy of an agreement between the Persons Filing (as specified hereinabove) that this Schedule 13G is being filed on behalf of each of them.			
Item 2(b)	Address of Principal Business Office:			
	100 E. Pratt Street, Baltimore, Maryland 21202			
Item 2(c)) Citizenship or Place of Organization:			
	(1) Maryland			
	(2)			
Item 2(d)	Title of Class of Securities:			
	Reference is made to page 1 of this Schedule 13G			
Item 2(e)	CUSIP Number: 693282105			
Item 3	The person filing this Schedule 13G is an:			
Х	Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940			
	Investment Company registered under Section 8 of the Investment Company Act of 1940			
Item 4 SCHEDULE PAGE 4 OF				
Item 5 Ow	nership of Five Percent or Less of a Class.			
X No	t Applicable.			
of (h	is statement is being filed to report the fact that, as the date of this report, the reporting person(s) has ave) ceased to be the beneficial owner of more than five rcent of the class of securities.			
	nership of More than Five Percent on Behalf of Another rson			
(1	Price Associates does not serve as custodian of the assets of any of its clients; accordingly, in each instance only the client or the client's custodian or trustee bank has the right to receive dividends paid with respect to, and proceeds from the sale of, such securities.			
	The ultimate power to direct the receipt of dividends paid with respect to, and the proceeds from the sale of, such securities, is vested in the individual and			

institutional clients which Price Associates serves as

investment adviser. Any and all discretionary

authority which has been delegated to Price Associates may be revoked in whole or in part at any time.

Except as may be indicated if this is a joint filing with one of the registered investment companies sponsored by Price Associates which it also serves as investment adviser ("T. Rowe Price Funds"), not more than 5% of the class of such securities is owned by any one client subject to the investment advice of Price Associates.

- (2) With respect to securities owned by any one of the T. Rowe Price Funds, only State Street Bank and Trust Company, as custodian for each of such Funds, has the right to receive dividends paid with respect to, and proceeds from the sale of, such securities. No other person is known to have such right, except that the shareholders of each such Fund participate proportionately in any dividends and distributions so paid.
- Item 7 Identification and Classification of the Subsidiary Which
 Acquired the Security Being Reported on By the Parent
 Holding Company.

Not Applicable.

Item 8 Identification and Classification of Members of the Group.

Not Applicable.

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Item 9 Notice of Dissolution of Group.

Not Applicable.

Item 10 Certification.

By signing below I (we) certify that, to the best of my (our) knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect. T. Rowe Price Associates, Inc. hereby declares and affirms that the filing of this Schedule 13G shall not be construed as an admission that Price Associates is the beneficial owner of the securities referred to, which beneficial ownership is expressly denied.

Signature.

After reasonable inquiry and to the best of my (our) knowledge and belief, I (we) certify that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2005

T. ROWE PRICE ASSOCIATES, INC.

By: /s/ Henry H. Hopkins Henry H. Hopkins, Vice President

Note: This Schedule 13G, including all exhibits, must be filed with the Securities and Exchange Commission, and a copy hereof must be sent to the issuer by registered or certified mail not later than February 14th following the calendar year covered by the statement or within the time specified in Rule 13d-1(b)(2), if applicable.

12/31/2004