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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See
Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPR	ROVAL
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			2. Issuer Name and Ticker or Trading Symbol ALLIANCE DATA SYSTEMS CORP [(Check all applicat	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
[ADS]	X Director X Officer (g					
		()	3. Date of Earliest Transaction (Month/Day/Year) 02/17/2017	below) below) President and CEO					
(Street) PLANO	ТХ	75024	4. If Amendment, Date of Original Filed (Month/Day/Year)	Line) X Form file	nt/Group Filing (Check Applicable d by One Reporting Person d by More than One Reporting	e			
(City)	(State)	(Zip)		Person	a by more than one reporting				

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (8)					5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150.4)
Common Stock	02/17/2017		F ⁽¹⁾		2,642	D	\$232.69	248,396	D	
Common Stock	02/21/2017		F ⁽¹⁾		3,437	D	\$235.4	244,959 ⁽²⁾	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code (8)		of Deriv Secu Acqu (A) or Dispo of (D)	posed (D) str. 3, 4		Amount of Securities		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. Shares withheld by the Company to satisfy the Reporting Person's tax withholding obligation upon the vesting of restricted stock units.

2. The total number of securities beneficially owned includes: (a) 195,261 unrestricted shares; (b) 1,297 unvested units from an award of 3,814 time-based restricted stock units granted 2/17/15; (c) 5,188 unvested units from an award of 15,257 performance-based restricted stock units granted 2/17/15; (d) 3,367 unvested units from an award of 5,026 time-based restricted stock units granted 2/16/16; (e) 5,994 unvested units from an award of 8,947 performance-based restricted stock units granted 2/16/16; (f) 5,578 unvested time-based restricted stock units granted 2/15/17; (g) 11,155 unvested performance-based restricted stock units granted 2/15/17; and (i) 5,964 unvested performance-based restricted stock units granted 2/15/17. **Remarks:**

Cynthia L. Hageman, Attorney in Fact 02/22/2017

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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