ALLIANCE DATA SYSTEMS CORP

Reminder: Report on a separate line for each class of

securities beneficially owned directly or indirectly.

Form 5

February 10, 2017

FORM	15							OIVID AI	PPROVAL			
. •		STATES SECU	ES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES					OMB Number:	3235-0362			
Check this no longer s		Wa						Expires:	January 31			
to Section Form 4 or 1 5 obligatio may contin	16. Form ANN ons nue.							Estimated a burden hou response	rs per			
See Instruction 1(b). Form 3 Ho Reported Form 4 Transaction Reported	Filed pure oldings Section 17(a	suant to Section a) of the Public U 30(h) of the I	Jtility Holdin	g Compa	ıny A	ct of	1935 or Sectio	n				
	ddress of Reporting l	Symbol ALLIA	2. Issuer Name and Ticker or Trading Symbol ALLIANCE DATA SYSTEMS CORP [ADS]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
(Last)	(First) (M	(1:101111112 td), 1 td1)				_X_ Director 10% Owner X_ Officer (give title Other (specify below) below)						
7500 DALL 700	AS PARKWAY,	SUITE					Pres	sident and CEO				
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Reporting (check applicable line)				
							(chec	ж аррисаоте ппе	,			
PLANO, T	ΓΧÂ 75024						_X_ Form Filed by Form Filed by I Person					
(City)	(State)	(Zip) Tak	ole I - Non-Deri	vative Sec	uritie	s Acqu	ired, Disposed of	f, or Beneficial	lly Owned			
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution Date, if any	Code	Fransaction Acquired (A) or Code Disposed of (D) Instr. 8) (Instr. 3, 4 and 5) (A) or)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Indirect Beneficial			
Common Stock	11/14/2016	Â	G <u>(1)</u>	5,150	D	\$0	230,278 (2)	D	Â			

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

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contained in this form are not required to respond unless

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SEC 2270

(9-02)

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	1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	Number	Expiration D	ate	Amou	nt of	Derivative	
	Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	
(Instr. 3)		Price of		(Month/Day/Year)	(Instr. 8)	Derivative	;		Securities	(Instr. 5)		
	Derivative					Securities		(Instr. 3 and 4)				
		Security				Acquired						
						(A) or						
						Disposed						
						of (D)						
						(Instr. 3,						
						4, and 5)						
										Amount		
							Date	Expiration		or Namelani		
							Exercisable	Date		Number		
						(A) (D)				of		
						(A) (D)				Shares		

of D

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Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HEFFERNAN EDWARD J 7500 DALLAS PARKWAY, SUITE 700 Â X Â Â President and CEO Â PLANO, TXÂ 75024

Signatures

Cynthia L. Hageman, Attorney in Fact 02/10/2017

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) The transaction reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on October 24, 2016.
 - The total number of securities beneficially owned includes: (a) 184,179 unrestricted shares; (b) 1,276 unvested units from an award of 3,751 time-based restricted stock units granted 2/18/14; (c) 6,914 unvested units from an award of 20,333 performance-based restricted
- (2) stock units granted 2/18/14; (d) 2,556 unvested units from an award of 3,814 time-based restricted stock units granted 2/17/15; (e) 10,223 unvested units from an award of 15,257 performance-based restricted stock units granted 2/17/15; (f) 5,026 unvested time-based restricted stock units granted 2/16/16; and (g) 20,104 unvested performance-based restricted stock units granted 2/16/16.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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