

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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 APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>Santillan Laura</u>			2. Issuer Name and Ticker or Trading Symbol <u>ALLIANCE DATA SYSTEMS CORP [ ADS ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP, Chief Acctg. Officer</u>			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>02/15/2018</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person			
<u>7500 DALLAS PARKWAY, SUITE 700</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)						
(Street)	(City)	(State)	(Zip)						
<u>PLANO</u>	<u>TX</u>	<u>75024</u>							

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. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/15/2018		A <sup>(1)</sup>		557	A	(1)	20,934	D	
Common Stock	02/15/2018		A <sup>(2)</sup>		2,231	A	(2)	23,165	D	
Common Stock	02/15/2018		F <sup>(3)</sup>		139	D	\$243.99	22,474 <sup>(4)(5)</sup>	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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	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					

Explanation of Responses:

- The new grant is for 557 shares of common stock represented by time-based restricted stock units. The restrictions will lapse on 183 units on 2/15/19, on 184 units on 2/18/20 and on 190 units on 2/16/21, subject to continued employment by the Reporting Person on the vesting dates.
- The new grant is for 2,231 shares of common stock represented by performance-based restricted stock units, which may be adjusted up or down at the time the performance restriction lapses. The restriction may lapse with respect to 33% of such shares on each of 2/15/19 and 2/18/20 and with respect to 34% of such shares on 2/16/21 contingent on meeting an EBT metric for 2018 and subject to continued employment by the Reporting Person on the vesting dates.
- Shares withheld by the Company to satisfy the Reporting Person's tax withholding obligation upon the vesting of restricted stock units.
- The total number of securities beneficially owned includes: (a) 16,308 unrestricted shares; (b) 400 shares held in an IRA account; (c) 113 unvested units from an award of 331 time-based restricted stock units granted 2/17/15; (d) 452 unvested units from an award of 1,327 performance-based restricted stock units granted 2/17/15; (e) 274 unvested units from an award of 410 time-based restricted stock units granted 2/16/16; (f) 981 unvested units from an award of 1,464 performance-based restricted stock units granted 2/16/16; (g) 305 unvested units from an award of 455 time-based restricted stock units granted 2/15/17; (h) 853 unvested units from an award of 1,272 performance-based restricted stock units granted 2/15/17; (i) the new grant for 557 time-based restricted stock units; and (j) the new grant for 2,231 performance-based restricted stock units.
- Based on the Company's EBT performance in 2017, 69.7% of the original award of 1,824 performance-based restricted stock units granted 2/15/17, or 1,272 units, were earned. The restrictions will lapse with respect to 420 units on 2/15/19 and with respect to 433 units on 2/18/20, subject to continued employment by the Reporting Person on the remaining vesting dates.

Remarks:

Cynthia L. Hageman, Attorney 02/20/2018  
in Fact

\*\* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.