

OMB APPROVAL	
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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

1. Name and Address of Reporting Person* <u>SZEFTEL IVAN M</u> (Last) (First) (Middle) <u>17655 WATERVIEW PARKWAY</u> (Street) <u>DALLAS TX 75252-8012</u> (City) (State) (Zip)	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) <input checked="" type="checkbox"/> Other (specify below) <u>Executive Vice President / President Retail Credit Svcs.</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/22/2010</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

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	02/22/2010		A ⁽¹⁾		7,470	A	(1)	191,550	D	
Common Stock	02/22/2010		A ⁽²⁾		29,880	A	(2)	221,430	D	
Common Stock	02/22/2010		F ⁽³⁾		14,358	D	\$56.92	207,072	D	
Common Stock	02/23/2010		F ⁽³⁾		5,179	D	\$56.17	201,893 ⁽⁴⁾⁽⁵⁾	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)
						Date Exercisable	Expiration Date					

Explanation of Responses:

- The new grant is for 7,470 shares of common stock represented by time-based restricted stock units. The restrictions will lapse on 2,465 units on 2/22/11, on 2,465 units on 2/22/12 and on 2,540 units on 2/22/13, subject to continued employment by the Reporting Person on the vesting dates.
- The new grant is for 29,880 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 2/22/11 and 2/22/12 and with respect to 34% of such shares on 2/22/13 contingent on meeting a cash earnings per share growth hurdle for 2010 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) 109,427 unrestricted shares; (b) 28,584 unvested shares from an original award of 84,070 time-based restricted stock units granted 4/28/08; (c) 26,532 unvested shares from an award of 39,600 performance-based restricted stock units granted 2/23/09; (d) the new grant for 7,470 time-based restricted stock units; and (e) the new grant for 29,880 performance-based restricted stock units.
- Based on the Company's cash EPS growth in 2009, 88% of the original award of 45,000 performance-based restricted stock units granted 2/23/09, or 39,600 units, were earned. The restrictions will lapse with respect to 13,068 units on 2/23/11 and with respect to 13,464 units on 2/23/12, subject to continued employment by the Reporting Person on the remaining vesting dates.

Remarks:

Leigh Ann K. Epperson, 02/24/2010
Attorney 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.