

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden	hours per response:
	0.5

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>Chesnut John Jeffrey</u> <hr/> (Last) (First) (Middle) 7500 DALLAS PARKWAY, SUITE 700 <hr/> (Street) PLANO TX 75024 <hr/> (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) Other (specify below) SVP and Treasurer
	3. Date of Earliest Transaction (Month/Day/Year) 10/22/2021	

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	10/22/2021		F ⁽¹⁾⁽²⁾		277	D	\$97	19,140.678 ⁽³⁾	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:

- Shares withheld by the Company to satisfy the Reporting Person's tax withholding obligation upon the vesting of restricted stock units.
- In connection with the planned spinoff of Loyalty Ventures Inc. from Alliance Data Systems Corporation, expected to be completed after market close on November 5, 2021, Mr. Chesnut will be joining the executive team of Loyalty Ventures Inc. Certain of Mr. Chesnut's outstanding equity awards have been accelerated effective October 22, 2021 and the remainder will be forfeited and replaced in equivalent value by Loyalty Ventures Inc. at a future date, consistent with the terms of the Employee Matters Agreement described in, and filed on, Form 10-12B/A by Loyalty Ventures Inc.
- The total number of securities beneficially owned includes: (a) 4,564.678 unrestricted shares; (b) 9,110 unvested time-based restricted stock units granted 2/16/21; and (c) 5,466 unvested performance-based restricted stock units granted 2/16/21.

Cynthia L. Hageman, 10/26/2021
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.