

ALLIANCE DATA SYSTEMS CORP
 Form 4
 February 23, 2007

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Carter Barry R

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) (Middle)
 17655 WATERVIEW PARKWAY
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 02/21/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP, Info Technology Officer

DALLAS, TX 75252

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ____ Form filed by More than One Reporting Person

(City) (State) (Zip)

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount | (A) or (D) | Price |
| Common Stock | 02/21/2007 | | A ⁽¹⁾ | | 1,682 | A | (1) 12,476 |
| Common Stock | 02/21/2007 | | A ⁽²⁾ | | 1,682 | A | (2) 14,158 (3) |

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

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- (5) The total number of derivative securities beneficially owned includes (a) an employee stock option for 25,000 shares granted 9/15/04, of which 16,500 shares are fully vested and 8,500 shares will vest on 9/15/07; (b) an option for 15,000 shares granted 2/3/05, of which 9,900 shares are fully vested and 5,100 shares will vest on 2/3/08; (c) an option for 7,724 shares granted 2/13/06, of which 2,548 shares vested on 2/13/07, 2,549 shares will vest on 2/13/08 and 2,627 shares will vest on 2/13/09; and (d) the new option for 3,958 shares.

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