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

SCHEDULE 13D

4. SOURCE OF FUNDS (See Instructions)\*

	ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED EMS 2(d) or 2(e)	[ ]
6. CITIZENSHIP OR	PLACE OF ORGANIZATION	
British Virgin	Islands	
NUMBER OF	7. SOLE VOTING POWER 0	
SHARES BENEFICIALLY OWNED BY EACH	8. SHARED VOTING POWER 5,820,000**	
	9. SOLE DISPOSITIVE POWER 0	
	10. SHARED DISPOSITIVE POWER 5,820,000**	
11. AGGREGATE AMOU	JNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
5,820,000**		
	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES	[ ]
13. PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (11)	
10.1%		
14. TYPE OF REPORT		
PN		
*See Item 3 **See Item 2 and 5		

CUSIP NO. 01858110	8	Page 3 of	12
1. NAME OF REPORTI PERSON (entitie	NG PERSON/S.S. OR I.R.S. INDENTIFICATION NO.	OF ABOVE	
VA Partners I,	LLC		
	PRIATE BOX IF A MEMBER OF A GROUP*	(a) (b)	[X] [ ]
3. SEC USE ONLY			
4. SOURCE OF FUNDS	*		
00*			
5. CHECK BOX IF DI	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED MS 2(d) or 2(e)		гі
6. CITIZENSHIP OR	PLACE OF ORGANIZATION		
Delaware			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH	7. SOLE VOTING POWER 0		
	8. SHARED VOTING POWER 5,820,000**		
	9. SOLE DISPOSITIVE POWER 0		
	10. SHARED DISPOSITIVE POWER 5,820,000**		
11. AGGREGATE AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSO		
5,820,000**			
12. CHECK BOX IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES		[]
13. PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (11)		
10.1%			
14. TYPE OF REPORT	ING PERSON		
00 (LLC)			
*See Item 3			
**See Item 2 and 5			

CUSIP NO. 01858110	8	Page 4 of 12
	NG PERSON/S.S. OR I.R.S. INDENTIFICATION NO.	
	l Management, L.P.	
2. CHECK THE APPRO	PRIATE BOX IF A MEMBER OF A GROUP*	(a) [X] (b) [ ]
3. SEC USE ONLY		
4. SOURCE OF FUNDS		
00*		
PURSUANT TO TTE	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED MS 2(d) or 2(e)	[ ]
	PLACE OF ORGANIZATION	
Delaware		
NUMBER OF	7. SOLE VOTING POWER	
SHARES BENEFICIALLY OWNED BY EACH	8. SHARED VOTING POWER 5.820.000**	
	9. SOLE DISPOSITIVE POWER 0	
	10. SHARED DISPOSITIVE POWER 5,820,000**	
11. AGGREGATE AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERS	
5,820,000**		
	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES	[ ]
13. PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (11)	
10.1%		
14. TYPE OF REPORT	ING PERSON	
PN		
*See Item 3 **See Item 2 and 5		

CUSIP	NO. 018581108			Page 5 of	12
	ME OF REPORTII RSON (entities	NG PEF	RSON/S.S. OR I.R.S. INDENTIFICATION NO.	OF ABOVE	
Val	lueAct Capita	l Mana	agement, LLC		
2. CHI			BOX IF A MEMBER OF A GROUP*	(a) (b)	
3. SE	C USE ONLY				
4. SOI	URCE OF FUNDS				
00	*				
	ECK BOX IF DIS	SCL0SL	JRE OF LEGAL PROCEEDINGS IS REQUIRED		r 1
6. CI	TIZENSHIP OR I	PLACE	OF ORGANIZATION		
De:	laware				
NILI	MRED OF		SOLE VOTING POWER 0		
NUMBER OF SHARES BENEFICIALLY	8.	SHARED VOTING POWER 5,820,000**			
PEI	NED BY EACH RSON WITH	9.	SOLE DISPOSITIVE POWER 0		
		10.	SHARED DISPOSITIVE POWER 5,820,000**		
11. A	GGREGATE AMOUI	NT BEN	NEFICIALLY OWNED BY EACH REPORTING PERSO		
5	,820,000**				
	HECK BOX IF TI ERTAIN SHARES		GREGATE AMOUNT IN ROW (11) EXCLUDES		[]
13. PI	ERCENT OF CLAS	SS REF	PRESENTED BY AMOUNT IN ROW (11)		
10	9.1%				
14. T	YPE OF REPORT:	ING PE	RSON		
00	0 (LLC)				
	Item 3 Item 2 and 5	<b></b>		<b></b>	

CUSIP NO. 018581108	Page 6 of 12
1. NAME OF REPORTING PERSON/S.S. OR I.R.S. INDENTIFICATION PERSON (entities only)	
ValueAct Holdings, L.P.	
2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) [X] (b) [ ]
3. SEC USE ONLY	
4. SOURCE OF FUNDS*	
00*	
5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRE PURSUANT TO ITEMS 2(d) or 2(e)	D [ ]
6. CITIZENSHIP OR PLACE OF ORGANIZATION	
Delaware	
7. SOLE VOTING POWER 0	
SHARES 8. SHARED VOTING POWER BENEFICIALLY 5,820,000**	
PERSON WITH 9. SOLE DISPOSITIVE POWER 0	
10. SHARED DISPOSITIVE POWER 5,820,000**	
11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING	
5,820,000**	
12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	[ ]
13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
10.1%	
14. TYPE OF REPORTING PERSON	
PN	
*See Item 3 **See Items 2 and 5	

CUSIP NO. 01858110	98	Page 7 of 12
1. NAME OF REPORTS PERSON (entities	ING PERSON/S.S. OR I.R.S. INDENTIFICATION NO. es only)	OF ABOVE
ValueAct Holdin	ngs GP, LLC	
	OPRIATE BOX IF A MEMBER OF A GROUP*	(a) [X] (b) [ ]
3. SEC USE ONLY		
4. SOURCE OF FUNDS		
00*		
5. CHECK BOX IF D	ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED EMS 2(d) or 2(e)	[ ]
6. CITIZENSHIP OR	PLACE OF ORGANIZATION	
Delaware		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH PERSON WITH	7. SOLE VOTING POWER 0	
	8. SHARED VOTING POWER 5,820,000**	
	10. SHARED DISPOSITIVE POWER 5,820,000**	
11. AGGREGATE AMOU	JNT BENEFICIALLY OWNED BY EACH REPORTING PERSO	
5,820,000**		
12. CHECK BOX IF CERTAIN SHARES	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES	[ ]
13. PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (11)	
10.1%		
14. TYPE OF REPOR	TING PERSON	
00 (LLC)		
*See Item 3 **See Items 2 and	5	

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This Amendment No. 3 to the Schedule 13D supplements the information set forth in the Schedule 13D filed by the Reporting Persons with the United States Securities and Exchange Commission (the "SEC"), as amended from time to time (the "Schedule 13D"), relating to the Common Stock (the "Common Stock") of Alliance Data Systems Corporation, a Delaware corporation (the "Issuer"). Capitalized terms contained herein but not otherwise defined shall have the meanings ascribed to such terms in the Schedule 13D.

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The information set forth in response to each separate Item below shall be deemed to be a response to all Items where such information is relevant. The Schedule 13D is hereby supplementally amended as follows:

### Item 3. Source and Amount of Funds or Other Consideration

The source of funds used for the purchase of the Issuer's securities reflected in this amendment was the working capital of ValueAct Master Fund. The aggregate funds used by these Reporting Persons to make such purchases were \$131,557,171.04.

### Item 5. Interest in Securities of the Issuer

(a) and (b). Set forth below is the beneficial ownership of shares of Common Stock of the Issuer for each person named in Item 2. Shares reported as beneficially owned by ValueAct Master Fund are also reported as beneficially owned by (i) ValueAct Management L.P. as the manager of each such investment partnership, (ii) ValueAct Management LLC, as General Partner of ValueAct Management L.P., (iii) ValueAct Holdings, as the sole owner of the limited partnership interests of ValueAct Management L.P. and the membership interests of ValueAct Management LLC and as the majority owner of the membership interests of VA Partners I and (iv) ValueAct Holdings GP, as General Partner of ValueAct Holdings. Shares reported as beneficially owned by ValueAct Master Fund are also reported as beneficially owned by VA Partners I, as General Partner of ValueAct Master Fund. VA Partners I, ValueAct Management L.P., ValueAct Management LLC, ValueAct Holdings and ValueAct Holdings GP also, directly or indirectly, may own interests in one or more than one of the partnerships from time to time. Unless otherwise indicated below, by reason of such relationship ValueAct Master Fund is reported as having shared power to vote or to direct the vote, and shared power to dispose or direct the disposition of, such shares of Common Stock, with VA Partners I (only with respect to ValueAct Master Fund), ValueAct Management L.P., ValueAct Management LLC, ValueAct Holdings and ValueAct Holdings GP.

As of the date hereof, the Reporting Persons beneficially own 5,820,000 shares of Common Stock, representing approximately 10.1% of the Issuer's outstanding Common Stock (which shares may also be deemed to be beneficially owned by VA Partners I). All percentages set forth in this Schedule 13D are based upon the Issuer's reported 57,759,199 outstanding shares of Common Stock as reported on the Issuer?s Current Report on Form 10-Q for the quarterly period ended September 30, 2016.

ValueAct Management L.P., ValueAct Management LLC, ValueAct Holdings and ValueAct Holdings GP may each be deemed the beneficial owner of an aggregate of 5,820,000 shares of Common Stock, representing approximately 10.1% of the Issuer's outstanding Common Stock.

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(c) The following table sets forth all transactions with respect to shares of Common Stock effected in the previous sixty days by the Reporting Persons, inclusive of any transactions effected through 4:00 p.m., New York City time, on January 24, 2017. Except as otherwise noted below, all such transactions were purchases (or sales) of shares of Common Stock effected in the open market.

Reporting Person	Trade Date	Buy/Sell	Shares	Price/Share
ValueAct Master Fund	01/17/2017	Buy	100,000	\$229.99
	01/17/2017	Buy	100,000	\$229.98
	01/18/2017	Buy	3,200	\$229.96
	01/19/2017	Buy	45,800	\$229.96
	01/20/2017	Buy	101,000	\$229.89
	01/20/2017	Buy	13,400	\$229.82
	01/23/2017	Buy	25,000	\$229.88
	01/23/2017	Buy	25,000	\$229.08
	01/23/2017	Buy	50,000	\$228.94
	01/23/2017	Buy	70,100	\$228.52
	01/24/2017	Buy	40,000	\$225.89

(d) and (e) Not applicable.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

The responses to Items 3, 4 and 5 of this Schedule 13D are incorporated herein by reference.

Except for the arrangements described herein or in a previously filed Schedule 13D, to the best knowledge of the Reporting Persons, there are no other contracts, understandings, arrangements or relationships relating to the Issuer's Common Stock which are required to be described hereunder.

Item 7. Material to Be Filed as Exhibits

(1) Joint Filing Agreement.

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### SIGNATURE

After reasonable inquiry and to the best of his knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

#### POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below on this Schedule 13D hereby constitutes and appoints Jeffrey W. Ubben, Bradley E. Singer, G. Mason Morfit and Allison Bennington, and each of them, with full power to act without the other, his or its true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for him or it and in his or its name, place and stead, in any and all capacities (until revoked in writing) to sign any and all amendments to this Schedule 13D, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary fully to all intents and purposes as he or it might or could do in person, thereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or their or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

ValueAct Capital Master Fund L.P., by VA Partners I, LLC, its General Partner

By: /s/ Bradley E. Singer

Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

VA Partners I, LLC

By: /s/ Bradley E. Singer

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Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

ValueAct Capital Management, L.P., by ValueAct Capital Management, LLC its

General Partner

By: /s/ Bradley E. Singer

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Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

ValueAct Capital Management, LLC

By: /s/ Bradley E. Singer

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Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

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ValueAct Holdings, L.P., by ValueAct Holdings GP, LLC, its

General Partner

By: /s/ Bradley E. Singer

Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

ValueAct Holdings GP, LLC

By: /s/ Bradley E. Singer

Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

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#### Exhibit 1

### JOINT FILING UNDERTAKING

The undersigned parties hereby agree that the Schedule 13D filed herewith (and any amendments thereto) relating to the Common Stock of Alliance Data Systems Corporation, is being filed jointly on behalf of each of them with the Securities and Exchange Commission pursuant to Section 13(d) of the Securities Exchange Act of 1934, as amended.

ValueAct Capital Master Fund L.P., by VA Partners I, LLC, its General Partner

By: /s/ Bradley E. Singer

Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

VA Partners I, LLC

By: /s/ Bradley E. Singer

Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

ValueAct Capital Management, L.P., by ValueAct Capital Management, LLC its

General Partner

By: /s/ Bradley E. Singer

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Dated: January 24, 2017

Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

ValueAct Capital Management, LLC

By: /s/ Bradley E. Singer

Bradley E. Singer, Chief Operating Officer

ValueAct Holdings, L.P., by

ValueAct Holdings GP, LLC, its

General Partner

By: /s/ Bradley E. Singer

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Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer

ValueAct Holdings GP, LLC

By: /s/ Bradley E. Singer

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Dated: January 24, 2017 Bradley E. Singer, Chief Operating Officer