Johnson Robert Joseph Form 4 May 22, 2012

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Ad Johnson Rob	•	orting Person *	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle)		(Middle)	A123 SYSTEMS, INC. [AONE] 3. Date of Earliest Transaction	(Check all applicable)			
` '	` ,	, ,	(Month/Day/Year)	Director 10% Owner			
C/O A123 SYSTEMS, INC., 200 WEST STREET			05/18/2012	X Officer (give title Other (specify below) VP & GM, Energy Sol'ns Group			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
WALTHAM	I, MA 0245	1	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Ac	anired. Disposed of, or Beneficially Owner			

(City)	(State)	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. Transactic Code (Instr. 8)	4. Securitor(A) or Di (Instr. 3,	spose	d of (D)	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)	
Common Stock	05/18/2012		S(1)	1,236	D		407,855	D		
Common Stock	05/21/2012		S(1)	6,250	D	\$ 0.843 (2)	401,605 (3)	D		

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

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SEC 1474

(9-02)

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#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	f 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivativ	e Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	/Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities	S		(Instr.	. 3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	T:41-	or Namel		
						Exercisable	Date		Number		
				C-1- V	(A) (D)				of		
				Code v	(A) (D)				Shares		

### **Reporting Owners**

Relationships Reporting Owner Name / Address

> Other Director 10% Owner Officer

Johnson Robert Joseph C/O A123 SYSTEMS, INC. 200 WEST STREET WALTHAM, MA 02451

VP & GM, Energy Sol'ns Group

## **Signatures**

/s/ Eric J. Pyenson, Attorney-in-Fact for Robert Joseph Johnson

05/22/2012

\*\*Signature of Reporting Person

Date

### **Explanation of Responses:**

- 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).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- These transactions were executed in multiple trades in prices ranging from \$0.833 to \$0.87. The price reported in Column 4 above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide to the SEC staff, the Issuer, or a security holder of the Issuer, upon request, full information regarding the number of shares sold at each respective price within the range set forth in this
- Includes 401,605 restricted stock units ("RSUs"). Upon vesting thereof, the Reporting Person is entitled to receive one (1) share of common stock for each one (1) RSU.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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