A123 SYSTEMS, INC. Form S-8 April 01, 2011

As filed with the Securities and Exchange Commission on April 1, 2011

Registration No. 333-

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

A123 SYSTEMS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

04-3583876

(I.R.S. Employer Identification No.)

200 West Street

Waltham, Massachusetts 02451 (Address of Principal Executive Offices)

02472 (Zip Code)

2009 Stock Incentive Plan

(Full Title of the Plan)

David P. Vieau

Chief Executive Officer

A123 Systems, Inc.

200 West Street

Waltham, Massachusetts 02451

(Name and Address of Agent For Service)

(617) 778-5700

(Telephone Number, Including Area Code, of Agent For Service)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b2 of the Exchange Act.

Large accelerated filer x

Accelerated filer o

Non-accelerated filer o (Do not check if a smaller reporting company)

Smaller reporting company o

CALCULATION OF REGISTRATION FEE

		Proposed		Proposed	
Title of		Maximum		Maximum	
Securities to be	Amount to be	Offering Price	Per	Aggregate	Amount of
Registered	Registered(1)	Share		Offering Price	Registration Fee
Common Stock, \$0.001 par value per					
share	3,000,000 shares	\$	6.63(2) \$	19,890,000	\$ 2,309.00

- (1) In accordance with Rule 416 under the Securities Act of 1933, as amended, this registration statement shall be deemed to cover any additional securities that may from time to time be offered or issued to prevent dilution resulting from stock splits, stock dividends or similar transactions.
- (2) Estimated solely for the purpose of calculating the registration fee in accordance with Rules 457(c) and 457(h) of the Securities Act of 1933, as amended, and calculated on the basis of \$6.63, the average of the high and low sale prices of the registrant s Common Stock on The NASDAQ Global Select Market on March 31, 2011.

STATEMENT OF INCORPORATION BY REFERENCE.

This registration statement on Form S-8 is filed to register the offer and sale of an additional 3,000,000 shares of the Registrant s common stock, \$0.001 par value per share, to be issued under the Registrant s 2009 Stock Incentive Plan. This registration statement incorporates by reference the registration statement on Form S-8, File No. 333-165489 (filed with the Securities and Exchange Commission on March 15, 2010).

Item 8. Exhibits.

The Exhibit Index immediately preceding the exhibits is incorporated herein by reference.

1

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Waltham, Commonwealth of Massachusetts, on this 1st day of April, 2011.

A123 SYSTEMS, INC.

By: /s/ David P. Vieau

David P. Vieau Chief Executive Officer

POWER OF ATTORNEY AND SIGNATURES

We, the undersigned officers and directors of A123 Systems, Inc., hereby severally constitute and appoint David P. Vieau, John Granara and Eric J. Pyenson, and each of them singly, our true and lawful attorneys with full power to them, and each of them singly, to sign for us and in our names in the capacities indicated below, the registration statement on Form S-8 filed herewith and any and all subsequent amendments to said registration statement, and generally to do all such things in our names and on our behalf in our capacities as officers and directors to enable A123 Systems, Inc. to comply with the provisions of the Securities Act of 1933, as amended, and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming our signatures as they may be signed by our said attorneys, or any of them, to said registration statement and any and all amendments thereto.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ David P. Vieau David P. Vieau	Chief Executive Officer and Director (principal executive officer)	April 1, 2011
/s/ John Granara John Granara	Interim Chief Financial Officer and Vice President of Finance (principal financial and accounting officer)	April 1, 2011
/s/ Gururaj Deshpande Gururaj Deshpande	Director	April 1, 2011
/s/ Arthur L. Goldstein Arthur L. Goldstein	Director	April 1, 2011
/s/ Gary E. Haroian Gary E. Haroian	Director	April 1, 2011

/s/ Paul E. Jacobs Paul E. Jacobs	Director	April 1, 2011
/s/ Mark M. Little Mark M. Little	Director	April 1, 2011
/s/ Jeffrey P. McCarthy Jeffrey P. McCarthy	Director	April 1, 2011
/s/ Gilbert Neal Riley, Jr. Gilbert Neal Riley, Jr.	Director	April 1, 2011

INDEX TO EXHIBITS

Number	Description
4.1(1)	Restated Certificate of Incorporation of the Registrant
4.2(2)	Second Amended and Restated By-Laws of the Registrant
5.1	Opinion of Latham & Watkins LLP
23.1	Consent of Latham & Watkins LLP (included in Exhibit 5.1)
23.2	Consent of Deloitte & Touche LLP
24.1	Power of attorney (included on the signature pages of this registration statement)
99.1(2)	2009 Stock Incentive Plan
(1)	Previously filed with the Securities and Exchange Commission as an Exhibit to the Registrant s Annual Report on Form
	10-K for the fiscal year ended December 31, 2010 (File No. 001-34463) and incorporated herein by reference.

Previously filed with the Securities and Exchange Commission as an Exhibit to the Registrant s Registration Statement on Form S-1, as amended (File No. 333-152871) and incorporated herein by reference.