GRIMES CHARLES LIVINGSTON Form SC 13D/A August 18, 2005

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

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 12)*

Alteon, Inc.

(Name of Issuer)

Common Stock, \$0.01 par value per share

(Title of Class of Securities)

02144G107

(CUSIP Number)

David A. Jenkins, Esquire Smith, Katzenstein & Furlow LLP 800 Delaware Ave., 7th Floor, P.O. Box 410 Wilmington, DE 19899 302-652-8400

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

August 17, 2005

(Date of Event which Requires Filling of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of $\cdot 240.13d-1(e)$, 240.13d-1 (f) or 240.13d-1(g), check the following box. ()

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See \cdot 240.13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13D

CUSIP No. 02144G107

	1.	Names of Reporting Persons. Charles Livingston Grimes I.R.S. Identification No.		
	2.	Check the Appropriate Box if a Member of a Group* (a.) () (b.) ()		
	3.	SEC USE ONLY Source of Funds* PF		
	4.			
	5. Check if Disclosure of Legal Proceedings Is Required Pursuant to items 2(e of Legal Proceedings Is Required Pursuant to items 2(d) or 2(e) ()	
	6.	Citizenship or Place of Organization		
			United States	
		7.	Sole Voting Power 5,400,000	
Number of Shares Beneficially Owned by Each Reporting Person With		8.	Shared Voting Power 5,400,000	
		9.	Sole Dispositive Power 5,400,000	
		10.	Shared Dispositive Power 5,400,000	
	11.	Aggregate Amount Beneficially Owned by Each Reporting Person 5,400,000		
	12.	Check if the Aggregate Amount Represented by Amount in Row (11) Excludes Certain Shares (See Instructions) ()		
	13.	Percent of Class Represented by Amount in Row (11)		

		9.3%
14.	Type of Reporting Person	
		IN
	2	

Item 1. Security and Issuer

The title and class of equity securities to which this Statement relates to is common stock, par value \$0.01 per share of the Company. The name of the issuer of such securities is Alteon, Inc., a Delaware corporation, which has its principal executive offices at 6 Campus Drive, Parsippany, New Jersey 07054

Item 2. Identity and Background.

(a)	Name: Charles Livingston Grimes
(b)	Residence or business address: P.O. Box 136, Mendenhall, PA 19357
(c)	Present Principal Occupation or Employment: Investor.
(d)	Criminal Conviction: None.
(e)	Court or Administrative Proceedings: None.
(f)	Citizenship: United States.

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

Personal Funds.

Item 4. Purpose of Transaction

State the purpose or purposes of the acquisition of securities of the issuer. Describe any plans or proposals which the reporting persons may have which relate to or would result in:

None.

3

(a)	The acquisition by any person of additional securities of the issuer, or the disposition of securities of the issuer;
(b)	An extraordinary corporate transaction, such as a merger, reorganization or liquidation, involving the issuer or any of its subsidiaries;
(c)	A sale or transfer of a material amount of assets of the issuer or any of its subsidiaries;
(d)	Any change in the present board of directors or management of the issuer, including any plans or proposals to change the number or term of directors or to fill any existing vacancies on the board;
(e)	Any material change in the present capitalization or dividend policy of the issuer;
(f)	Any other material change in the issuer's business or corporate structure including but not limited to, if the issuer is a registered closed-end investment company, any plans or proposals to make any changes in its investment policy for which a vote is required by section 13 of the Investment Company Act of 1940;
(g)	Changes in the issuer's charter, bylaws or instruments corresponding thereto or other actions which may impede the acquisition of control of the issuer by any person;
(h)	Causing a class of securities of the issuer to be delisted from a national securities exchange or to cease to be authorized to be quoted in an inter-dealer quotation system of a registered national securities association;
(i)	A class of equity securities of the issuer becoming eligible for termination of registration pursuant to Section 12(g)(4) of the Act; or
(j)	Any action similar to any of those enumerated above.

Item 5. Interest in Securities of the Issuer.

5,400,000 shares of common stock, which is 9.3% of the Class.

(b)		5,400,000 shares with sole voting power, shared voting power, sole dispositive power and shared dispositive power.				
(c)	400,000 share: 17, 2005.	400,000 shares were purchased between July 21, 2005 and August 17, 2005.				
	Transaction Date	Shares or Units Purchased (Sold)	Price per Share or Unit			
(d)	N	one.				
(e)	N	Not applicable.				
Item 6. Contracts,	Arrangements, Understandir	gs or Relationships with Respect	to Securities of the Issuer.			
None.						

4

Item 7. Material to be Filed as Exhibits.

None.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: August 18, 2005

By: /s/ Charles Livingston Grimes

Charles Livingston Grimes

5