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

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): April 22, 2010**

**Streamline Health Solutions, Inc.**

(Exact name of registrant as specified in its charter)

<b>Delaware</b> (State or other Jurisdiction of Incorporation)	<b>0-28132</b> (Commission File Number)	<b>31-1455414</b> (IRS Employer Identification No.)
<b>10200 Alliance Road, Suite 200, Cincinnati, OH</b> (Address of Principal Executive Offices)		<b>45242-4716</b> (Zip Code)

Registrant's telephone number, including area code: **(513) 794-7100**

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(Former name or former address if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 8.01 OTHER EVENTS**

On April 22, 2010, J. Brian Patsy, President and Chief Executive Officer of Streamline Health Solutions, Inc., entered into a Rule 10b5-1 Sales Plan whereby Mr. Patsy may sell up to 240,000 shares of Streamline Health Solutions, Inc. common stock on the open market upon the occurrence of certain pre-established conditions. The term of the Plan extends through April 23, 2011, unless terminated earlier under certain circumstances.

This new plan replaces an existing plan that expired on April 20, 2010. Mr. Patsy did not sell any shares under the plan that expired on April 20, 2010.

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1934, registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Streamline Health Solutions, Inc.

Date: April 27, 2010

By: /s/ Donald E. Vick, Jr. \_\_\_\_\_  
Donald E. Vick, Jr.  
Interim Chief Financial Officer