

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

SCHEDULE 13G  
(Rule 13d-102)

Information Statement Pursuant to Rules 13d-1  
Under the Securities Exchange Act of 1934  
(Amendment No. )\*

**Mercury Systems, Inc.**

(Name of Issuer)

**Common Stock**

(Title of Class of Securities)

**589378108**

(CUSIP Number)

**December 31, 2014**

Date of Event Which Requires Filing of the Statement

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\*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).

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1. Name of Reporting Person  
S.S. or I.R.S. Identification No. of Above Person  
Trigran Investments, Inc.

2. Check the Appropriate Box if a Member of a Group

- (a)   
(b)

3. SEC Use Only

4. Citizenship or Place of Organization  
Illinois company

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

5. Sole Voting Power  
0

6. Shared Voting Power  
2,184,877 shares of common stock

7. Sole Dispositive Power  
0

8. Shared Dispositive Power  
2,184,877 shares of common stock

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9. Aggregate Amount Beneficially Owned by Each Reporting Person  
2,184,877 shares of common stock

---

10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

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11. Percent of Class Represented by Amount in Row (9)  
Approximately 6.4% as of December 31, 2014 (based on 34,149,555 shares of common stock issued and outstanding per Mercury Systems, Inc. Form 10-Q dated February 5, 2015).

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12. Type of Reporting Person  
IA/CO

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1. Name of Reporting Person  
S.S. or I.R.S. Identification No. of Above Person  
Douglas Granat

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2. Check the Appropriate Box if a Member of a Group

(a)

(b)

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3. SEC Use Only

---

4. Citizenship or Place of Organization  
U.S. Citizen

---

5. Sole Voting Power  
0

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Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

6. Shared Voting Power  
2,184,877 shares of common stock

---

7. Sole Dispositive Power  
0

---

8. Shared Dispositive Power  
2,184,877 shares of common stock

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9. Aggregate Amount Beneficially Owned by Each Reporting Person  
2,184,877 shares of common stock

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Approximately 6.4% as of December 31, 2014 (based on 34,149,555 shares of common stock issued and outstanding per Mercury Systems, Inc. Form 10-Q dated February 5, 2015).

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12. Type of Reporting Person  
IN/HC

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1. Name of Reporting Person  
S.S. or I.R.S. Identification No. of Above Person  
Lawrence A. Oberman

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2. Check the Appropriate Box if a Member of a Group

(a)

(b)

---

3. SEC Use Only

---

4. Citizenship or Place of Organization  
U.S. Citizen

---

5. Sole Voting Power  
0

---

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

6. Shared Voting Power  
2,184,877 shares of common stock

---

7. Sole Dispositive Power  
0

---

8. Shared Dispositive Power  
2,184,877 shares of common stock

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9. Aggregate Amount Beneficially Owned by Each Reporting Person  
2,184,877 shares of common stock

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10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

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11. Percent of Class Represented by Amount in Row (9)  
Approximately 6.4% as of December 31, 2014 (based on 34,149,555 shares of common stock issued and outstanding per Mercury Systems, Inc. Form 10-Q dated February 5, 2015).

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12. Type of Reporting Person  
IN/HC

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1. Name of Reporting Person  
S.S. or I.R.S. Identification No. of Above Person  
Steven G. Simon

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2. Check the Appropriate Box if a Member of a Group

(a)

(b)

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3. SEC Use Only

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4. Citizenship or Place of Organization

5. Sole Voting Power  
0

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

6. Shared Voting Power  
2,184,877 shares of common stock

7. Sole Dispositive Power  
0

8. Shared Dispositive Power  
2,184,877 shares of common stock

9. Aggregate Amount Beneficially Owned by Each Reporting Person  
2,184,877 shares of common stock

10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

11. Percent of Class Represented by Amount in Row (9)  
Approximately 6.4% as of December 31, 2014 (based on 34,149,555 shares of common stock issued and outstanding per Mercury Systems, Inc. Form 10-Q dated February 5, 2015).

12. Type of Reporting Person  
IN/HC

1. Name of Reporting Person  
S.S. or I.R.S. Identification No. of Above Person  
Bradley F. Simon

2. Check the Appropriate Box if a Member of a Group

(a)

(b)

3. SEC Use Only

4. Citizenship or Place of Organization  
U.S. Citizen

5. Sole Voting Power  
0

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

6. Shared Voting Power  
2,184,877 shares of common stock

7. Sole Dispositive Power  
0

8. Shared Dispositive Power  
2,184,877 shares of common stock

9. Aggregate Amount Beneficially Owned by Each Reporting Person

10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares
- 
11. Percent of Class Represented by Amount in Row (9)  
Approximately 6.4% as of December 31, 2014 (based on 34,149,555 shares of common stock issued and outstanding per Mercury Systems, Inc. Form 10-Q dated February 5, 2015).
- 
12. Type of Reporting Person  
IN/HC
- 

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**Item 1(a)** Name of Issuer:  
Mercury Systems, Inc.

**Item 1(b)** Address of Issuer's Principal Executive Offices:  
201 Riverneck Road  
Chelmsford, MA 01824-2820

**Item 2(a)** Name of Person Filing

**Item 2(b)** Address of Principal Business Office

**Item 2(c)** Citizenship

Trigran Investments, Inc.  
630 Dundee Road, Suite 230  
Northbrook, IL 60062  
Illinois company

Douglas Granat  
630 Dundee Road, Suite 230  
Northbrook, IL 60062  
U.S. Citizen

Lawrence A. Oberman  
630 Dundee Road, Suite 230  
Northbrook, IL 60062  
U.S. Citizen

Steven G. Simon  
630 Dundee Road, Suite 230  
Northbrook, IL 60062  
U.S. Citizen

Bradley F. Simon  
630 Dundee Road, Suite 230  
Northbrook, Illinois 60062  
U.S. Citizen

**2(d)** Title of Class of Securities:  
Common Stock

**2(e)** CUSIP Number:  
589378108

**Item 3** If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:

- (a)  Broker or dealer registered under section 15 of the Exchange Act;
- (b)  Bank as defined in section 3(a)(6) of the Exchange Act;
- (c)  Insurance company as defined in section 3(a)(19) of the Exchange Act;
- (d)  Investment company registered under section 8 of the Investment Company Act;

- (e)  An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h)  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act;
- (j)  A non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J);
- (k)  Group, in accordance with Rule 13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J), please specify the type of institution: \_\_\_\_\_

If this statement is filed pursuant to Rule 13d-1(c), check this box.

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**Item 4 Ownership:(1)**

- (a) Amount beneficially owned:  
Incorporated by reference to Item 9 of the cover page pertaining to each reporting person.

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- (b) Percent of class:  
Incorporated by reference to Item 11 of the cover page pertaining to each reporting person.

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- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote:  
Incorporated by reference to Item 5 of the cover page pertaining to each reporting person.

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  - (ii) Shared power to vote or to direct the vote:  
Incorporated by reference to Item 6 of the cover page pertaining to each reporting person.

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  - (iii) Sole power to dispose or to direct the disposition of:  
Incorporated by reference to Item 7 of the cover page pertaining to each reporting person.

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  - (iv) Shared power to dispose or to direct the disposition of:  
Incorporated by reference to Item 8 of the cover page pertaining to each reporting person.

(1) Douglas Granat, Lawrence A. Oberman, Steven G. Simon and Bradley F. Simon are the controlling shareholders and/or sole directors of Trigran Investments, Inc. and thus may be considered the beneficial owners of shares beneficially owned by Trigran Investments, Inc.

**Item 5 Ownership of Five Percent or Less of a Class:**

Not Applicable.

**Item 6 Ownership of More than Five Percent on Behalf of Another Person:**

Owners of accounts managed by Trigran Investments, Inc. have or may have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, securities held in their accounts. No such account has such power with respect to more than five percent of the class of securities to which this Schedule 13G relates.

**Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company:**

Not Applicable.

**Item 8 Identification and Classification of Members of the Group:**

Not Applicable.

**Item 9 Notice of Dissolution of Group:**

**Item 10 Certification:**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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

Dated this 13th day of February, 2015

**TRIGRAN INVESTMENTS, INC.**

By: s/ Lawrence A. Oberman  
Name: Lawrence A. Oberman  
Title: Executive Vice President and Director

s/ Douglas Granat  
Douglas Granat

s/ Lawrence A. Oberman  
Lawrence A. Oberman

s/ Steven G. Simon  
Steven G. Simon

/s/ Bradley F. Simon  
Bradley F. Simon

**INDEX TO EXHIBITS**

**PAGE**

**EXHIBIT 1: Agreement to Make a Joint Filing**

**1**

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**EXHIBIT 1 TO SCHEDULE 13G**

FEBRUARY 13, 2015

In accordance with Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, TRIGRAN INVESTMENTS, INC., DOUGLAS GRANAT, LAWRENCE A. OBERMAN, STEVEN G. SIMON and BRADLEY F. SIMON each hereby agree to the joint filing of this statement on Schedule 13G (including any and all amendments hereto). In addition, each party to this Agreement expressly authorizes each other party to this Agreement to file on its behalf any and all amendments to such Statement on Schedule 13G. A copy of this Agreement shall be attached as an exhibit to the Statement on Schedule 13G filed on behalf of each of the parties hereto, to which this Agreement relates.

This Agreement may be executed in multiple counterparts, each of which shall constitute an original, one and the same instrument.

TRIGRAN INVESTMENTS, INC.

By: /s/ Lawrence A. Oberman  
Name: Lawrence A. Oberman  
Title: Executive Vice President and Director

DOUGLAS GRANAT

/s/ Douglas Granat

LAWRENCE A. OBERMAN

/s/ Lawrence A. Oberman

STEVEN G. SIMON

/s/ Steven G. Simon

BRADLEY F. SIMON

/s/ Bradley F. Simon

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