

SIMTEK CORP  
Form SC 13G/A  
February 14, 2008

<b>OMB APPROVAL</b>
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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**SCHEDULE 13G**

**Under the Securities Exchange Act of 1934  
(Amendment No. 2)\***

SIMTEK CORPORATION  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

829204106  
(CUSIP Number)

December 31, 2007  
(Date of Event Which Requires Filing of this  
Statement)

£	Rule 13d-1(b)
S	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 the disclosures provided in a prior cover page.

The information required in 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).

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**



1 Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only).

**Crestview Capital Master, LLC**

2 Check the Appropriate Box if Member of a Group

(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization

**Delaware**

5 Sole Voting Power

**-0-**

6 Shared Voting Power  
Number of Shares

**2,791,113<sup>(1)</sup>**

7 Sole Dispositive Power  
Beneficially Owned by Each Reporting Person With:

**-0-**

8 Shared Dispositive Power

**2,791,113<sup>(1)</sup>**

9 Aggregate Amount Beneficially Owned by Each Reporting Person

**2,791,113<sup>(1)</sup>**

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

11 Percent of Class Represented by Amount in Row (9)

**16.9%<sup>(2)</sup>**

12 Type of Reporting Person

**PN**

(1) Includes 32,279 shares of Common Stock issuable upon the exercise of warrants.

(2)Based on 16,513,919 shares outstanding as of October 31, 2007, based on the Form 10-Q filed by the Issuer on November 9, 2007.

1 Name of Reporting Person  
I.R.S. Identification No. of Above Persons (Entities Only).

**Crestview Capital Partners, LLC**

2 Check the Appropriate Box if Member of a Group

(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization

**Illinois**

5 Sole Voting Power

**-0-**

6 Shared Voting Power  
Number of Shares

**2,791,113<sup>(1)</sup>**

7 Sole Dispositive Power  
Beneficially Owned by Each Reporting Person With:

**-0-**

8 Shared Dispositive Power

**2,791,113<sup>(1)</sup>**

9 Aggregate Amount Beneficially Owned by Each Reporting Person

**2,791,113<sup>(1)</sup>**

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

11 Percent of Class Represented by Amount in Row (9)

**16.9%<sup>(2)</sup>**

12 Type of Reporting Person

**OO**

(1) Includes 32,279 shares of Common Stock issuable upon the exercise of warrants.

(2)Based on 16,513,919 shares outstanding as of October 31, 2007, based on the Form 10-Q filed by the Issuer on November 9, 2007.

**This Amendment No. 2 (“Amendment No. 2”) is being filed jointly by Crestview Capital Master, LLC and Crestview Capital Partners, LLC (each, a “Reporting Person” and, collectively, the “Reporting Persons”) and amends and restates the Schedule 13G filed by Crestview Capital Master, LLC on January 6, 2006, as amended by Amendment No. 1 thereto filed by Crestview Capital Master, LLC on September 22, 2006.**

Item 1(a): Name of Issuer.

**Simtek Corporation**

Item 1(b): Address of Issuer’s Principal Executive Offices.

**4250 Buckingham Drive, Suite 100  
Colorado Springs, Colorado 80907**

Item 2(a): Name of Person Filing.

**Crestview Capital Master, LLC (“Crestview”)  
Crestview Capital Partners, LLC (“Crestview Partners”)**

Item 2(b): Address of Principal Business Office or, if none, Residence.

**c/o Crestview Capital Funds  
95 Revere Drive, Suite A  
Northbrook, Illinois 60062**

Item 2(c): Citizenship.

**Crestview is a Delaware limited liability company.**

**Crestview Partners is an Illinois limited liability company.**

Item 2(d): Title of Class of Securities.

**Common Stock, \$0.01 par value per share (“Common Stock”)**

Item 2(e): CUSIP Number.

**829204106**

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

**Not Applicable**

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Item 4: Ownership.

(a) Amount Beneficially Owned:

**Crestview is the record holder of 2,791,113 shares of Common Stock including 32,279 shares issuable upon the exercise of warrants.**

**Crestview Partners is the sole manager of Crestview, and as such has the power to direct the vote and to direct the disposition of investments beneficially owned by Crestview, including the Common Stock, and thus may also be deemed to beneficially own the Common Stock beneficially owned by Crestview. Currently, Stewart Flink, Robert Hoyt and Daniel Warsh, each of whom are United States citizens, are the managers of Crestview Partners, and as such may be deemed to share the power to vote and to dispose of investments beneficially owned by Crestview Partners, including the Common Stock; however each expressly disclaims beneficial ownership of such shares of Common Stock.**

(b) Percent of Class:

**See Item 11 of each cover page.**

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

**See Item 5 of each cover page.**

(ii) Shared power to vote or to direct the vote:

**See Item 6 of each cover page.**

(iii) Sole power to dispose or to direct the disposition of:

**See Item 7 of each cover page.**

(iv) Shared power to dispose or to direct the disposition of:

**See Item 8 of each cover page.**

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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.

**Not applicable**

Item 7: Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

**Not Applicable**

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

**This Schedule is filed as a joint statement pursuant to Rule 13d-1(k) promulgated under the Securities Exchange Act of 1934 (the "Exchange Act") by each of the Reporting Persons. While the Reporting Persons may be deemed to be a "group" for purposes of Section 13(d)(3) of the Exchange Act, each of the Reporting Persons hereby disclaims the existence and membership in a "group" and disclaims beneficial ownership of shares of Common Stock beneficially owned by all other Reporting Persons.**

Item 9: Notice of Dissolution of Group.

**Not Applicable**

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.**

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**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: February 14, 2008

Crestview Capital Master, LLC

By: Crestview Capital Partners, LLC,  
its Sole Manager

By: /s/ Daniel Warsh  
Manager

Crestview Capital Partners, LLC

By: /s/ Daniel Warsh  
Manager

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EXHIBIT 1  
JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a Statement on Schedule 13G (including any and all amendments thereto) with respect to the Common Stock, \$0.01 par value per share, of Simtek Corporation and further agree that this Joint Filing Agreement shall be included as an Exhibit to such joint filings.

The undersigned further agree that each party hereto is responsible for the timely filing of such Statement on Schedule 13G and any amendments thereto, and for the accuracy and completeness of the information concerning such party contained therein; provided, however, that no party is responsible for the accuracy or completeness of the information concerning any other party, unless such party knows or has reason to believe that such information is inaccurate.

This Joint Filing Agreement may be signed in counterparts with the same effect as if the signature on each counterpart were upon the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of February 14, 2008.

Crestview Capital Master, LLC

By: Crestview Capital Partners, LLC,  
its Sole Manager

By: /s/ Daniel Warsh  
Manager

Crestview Capital Partners, LLC

By: /s/ Daniel Warsh  
Manager

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