INNOVATIVE SOLUTIONS & SUPPORT INC Form SC 13G February 14, 2001

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)*

Innovative Solutions and Support, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

45769N 10 5

(CUSIP Number)

December 31, 2000

(Date of Event Which Requires Filing of this Statement)

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

- [] Rule 13d-1(b)
- [] Rule 13d-1(c)
- [X] 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).

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1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). James M. Draper				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_]				
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION				
United States					
	NUMBER OF	5	SOLE VOTING POWER 745,441		
В	SHARES -	6	SHARED VOTING POWER		
	OWNED BY		None		
	EACH	7	SOLE DISPOSITIVE POWER		
	REPORTING		745,441		
	PERSON -	8	SHARED DISPOSITIVE POWER None		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 745,441				
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)				
	5.9% 				
12	TYPE OF REPOR	TING P	ERSON (SEE INSTRUCTIONS)		
	IN				

*SEE INSTRUCTION BEFORE FILLING OUT!

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SCHEDULE 13G

Item 1.

- 1(a). Name of Issuer: Innovative Solutions and Support, Inc.
- 1(b). Address of Issuer's Principal Executive Offices:

420 Lapp Road, Malvern, Pennsylvania 19355

Item 2.

- 2(a). Name of Person Filing: James M. Draper
- 2(b). Address of Principal Business Office or, if None, Residence:

1512 Ashby Road, Paoli, Pennsylvania 19301

- 2(c). Citizenship: United States
- 2(d). Title of Class of Securities: Common Stock, \$.001 par value
- 2(e). CUSIP Number: 45769N 10 5

Not Applicable.

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

As of December 31, 2000, James M. Draper beneficially owned 745,441 shares of Common Stock as a result of his direct ownership of 153,473 shares of Common Stock and his direct ownership of currently exercisable warrants to purchase 21,924 shares of Common Stock. In addition, Mr. Draper is deemed to beneficially own 548,120 shares of Common Stock and currently exercisable warrants to purchase 21,924 shares of Common Stock held by a trust, for which Mr. Draper serves as trustee.

(b) Percent of class:

Mr. Draper's beneficial ownership represents 5.9% of the Common Stock outstanding as of December 31, 2000.

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- (c) Number of shares as to which such person has:
- (i) Sole power to vote or to direct the vote: Mr. Draper has the sole power to vote or to direct the vote of the 745,441 shares deemed to be

beneficially owned by him.

- (ii) Shared power to vote or to direct the vote: None
- (iii) Sole power to dispose or to direct the disposition of: Mr. Draper has the sole power to dispose or to direct the disposition of the 745,441 shares deemed to be beneficially owned by him.
 - (iv) Shared power to dispose or to direct the disposition of: None
- Item 5. Ownership of Five Percent or Less of a Class

Not Applicable.

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 $\label{eq:classification} \text{Not Applicable.}$

Item 9. Notice of Dissolution of Group

Not Applicable.

Item 10. Certifications

Not Applicable

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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.

February 12, 2001
(Date)
 /s/ James M. Draper
(Signature)
 James M. Draper
(Name/Title)

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