INNOVATIVE SOLUTIONS & SUPPORT INC Form SC 13G/A January 11, 2011

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

SCHEDULE 13G
Under the Securities Exchange Act of 1934
(Amendment No. 2)*

INNOVATIVE SOLUTIONS AND SUPPORT, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

45769N105

(CUSIP Number)

12/31/10

(Date of Event Which Requires Filing of this Statement)

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

/ X / 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 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.

2.	Check the Appropriate Box if a Member of a Group (a)					
	(b)					
3.	SEC Use Only					
4.	Citizenship or Place of Organization					
	New York					
Number	of Sha	ares Beneficially Owned by Each				
	5.	Sole Voting Power	0			
	6.	Shared Voting Power	0			
	7.	Sole Dispositive Power	0			
	8.	Shared Dispositive	1,343,807			
9.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	1,343,807					
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares					
11.	Percent of Class Represented by Amount in Row (9)					
	8.0%					
12.	Type of Reporting Person					
	BD, IA 					
Item 1.						
	(a)	Name of Issuer				
		INNOVATIVE SOLUTIONS AND SU	PPORT, INC.			
	(b)					
		720 PENNSYLVANIA DRIV EXTON, PA 19341	Е			

Item 2.				
	(a)		Name of Persons Filing	
			INGALLS & SNYDER, LLC	
	(b)		Address of Principal Business Office or, if none, Residence	
			61 BROADWAY, NEW YORK, NY 10006	
	(c)		Citizenship	
			NEW YORK	
	(d)		Title of Class of Securities	
			COMMON STOCK	
	(e)		CUSIP Number	
			45769N105	
Item 3.	This statement is filed pursuant to Rule 13d-1(b), and the Person Filing is a:			
	(a)	[X]	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);	
	(e)	[X]	An investment adviser in accordance with section 240.13d-1(b)(1)(ii)(E);	
Item 4.	Own	ersh	ip	
	(a)	Amo	ount beneficially owned: 1,343,807	
	(b)	Pe	rcent of Class: 8.0%	
	(c)	Nur	mber of shares as to which such person has:	
		(i)	sole power to vote or to direct the vote:	
			0	
		(ii)	shared power to vote or to direct the vote:	
			0	
		(iii)	sole power to dispose or to direct the disposition of:	
			0	
	(iv) :	shared power to dispose or to direct the disposition of:	

1,343,807

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

Ingalls & Snyder, LLC ("I&S") is a registered broker dealer and a registered investment advisor. Shares reported under shared dispositive power include shares held in accounts managed under investment advisory contracts.

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

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 acquired and are held in the ordinary course of business and 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.

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.

January 11, 2011
-----Date

INGALLS & SNYDER, LLC

By: /s/ Thomas O. Boucher, Jr.

Thomas O. Boucher, Jr.

Manager