FLIR SYSTEMS INC Form SC 13G/A February 02, 2016

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. 7) *

FLIR Systems, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

302445101

(CUSIP Number)

December 31, 2015

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

(Date of Event Which Requires Filing of this Statement)

- [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).

CUSIP No. 302445101 13G

¹ NAME OF REPORTING PERSON

	Artisan Pa	rtn	ers Limited Partnership		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)				[_]
	Not Applic	abl		(a)	[_]
3	SEC USE ONL	Υ			
4	CITIZENSHIP Delaware	OR	PLACE OF ORGANIZATION		
		5	SOLE VOTING POWER None		
	MBER OF SHARES				
BENEFICIALLY OWNED BY EACH		6	SHARED VOTING POWER 5,905,926		
	PORTING PERSON WITH		SOLE DISPOSITIVE POWER None		
			SHARED DISPOSITIVE POWER 6,179,448		
9	AGGREGATE A	MOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
10	CHECK BOX I (see Instru Not Applic	cti	·		[_]
11	PERCENT OF 4.5%	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF REP (see Instru IA				
CUS	IP No. 3024	451	01 13G		
1	NAME OF REP Artisan In		ING PERSON tments GP LLC		
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP ons)		[_]
	Not Applic	abl	е	(b)	[_]
3					
4	CITIZENSHIP Delaware	OR	PLACE OF ORGANIZATION		
		5	SOLE VOTING POWER None		
	MBER OF SHARES				

BENEFICIALLY OWNED BY EACH REPORTING		6	SHARED VOTING POWER 5,905,926			
PERSON WITH		7	SOLE DISPOSITIVE POWER None			
		8	SHARED DISPOSITIVE POWER 6,179,448			
9	AGGREGATE AI 6,179,448	MOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
10	(see Instru	CK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [_] Applicable				
11	PERCENT OF (CLA	SS REPRESENTED BY AMOUNT IN ROW (9)			
12	TYPE OF REPORTED HC					
CUS	IP No. 3024	451	01 13G			
1	NAME OF REPO		ING PERSON ers Holdings LP			
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP	(a) [(b) [
	Not Applic	abl	ə 			
3	SEC USE ONL	Y				
4	CITIZENSHIP Delaware	OR	PLACE OF ORGANIZATION			
	MBER OF SHARES	5	SOLE VOTING POWER None			
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6	SHARED VOTING POWER 5,905,926		-	
			SOLE DISPOSITIVE POWER None		-	
			SHARED DISPOSITIVE POWER 6,179,448		-	
9	9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,179,448					
10	CHECK BOX II (see Instru	cti	·]	:_]	

11	PERCENT OF 4.5%	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)			
12	2 TYPE OF REPORTING PERSON (see Instructions) HC					
CUS	SIP No. 3024	451	01 13G			
1	NAME OF REP Artisan Pa		ING PERSON ers Asset Management Inc.			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)					
	Not Applicable				[_]	
3	SEC USE ONL	Y				
4	CITIZENSHIP Delaware	OR	PLACE OF ORGANIZATION			
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH		SOLE VOTING POWER None			
С			SHARED VOTING POWER 5,905,926			
	PORTING PERSON WITH	7	SOLE DISPOSITIVE POWER None			
		8	SHARED DISPOSITIVE POWER 6,179,448			
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,179,448					
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) Not Applicable				[_]	
	4.5%					
	TYPE OF REP (see Instru HC	ORT cti				
cus	SIP No. 3024	451	01 13G			
1	NAME OF REP Artisan Pa	ORT rtn	ers Funds, Inc.			

2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)				[_] [_]
	Not App	licable	>	(1)	L_J
3	SEC USE				
4	CITIZENS Wiscons	HIP OR	PLACE OF ORGANIZATION		
	NUMBER OF SHARES		SOLE VOTING POWER None		
BENEFICIALLY OWNED BY EACH			SHARED VOTING POWER 4,183,303		
	PORTING PERSON WITH		SOLE DISPOSITIVE POWER None		
		8	SHARED DISPOSITIVE POWER 4,183,303		
9	AGGREGAT 4,183,3		NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
10	CHECK BO (see Ins Not App	tructio			[_]
11	PERCENT 3.0%	OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF (see Ins IC		ING PERSON ons)		
Ite	em 1(a)	Name of	Issuer:		
		FLIR	Systems, Inc.		
Ite	em 1(b)	Address	s of Issuer's Principal Executive Offices:		
		27700) SW Parkway Avenue, Wilsonville, Oregon 97070		
Ite	em 2(a)	Name of	Person Filing:		
		Artis Artis Artis	san Partners Limited Partnership ("APLP") san Investments GP LLC ("Artisan Investments") san Partners Holdings LP ("Artisan Holdings") san Partners Asset Management Inc. ("APAM") san Partners Funds, Inc. ("Artisan Funds")		
Ite	em 2(b)	Address	s of Principal Business Office:		
			Artisan Investments, Artisan Holdings, APAM, and Artisa are all located at:	isan	

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

APLP is a Delaware limited partnership
Artisan Investments is a Delaware limited liability company
Artisan Holdings is a Delaware limited partnership
APAM is a Delaware corporation
Artisan Funds is a Wisconsin corporation

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

302445101

- (d) Artisan Funds is an Investment Company under section 8 of the Investment Company Act.
- (e) APLP is an investment adviser registered under section 203 of the Investment Advisers Act of 1940.
- (g) Artisan Holdings is the sole limited partner of APLP and the sole member of Artisan Investments; Artisan Investments is the general partner of APLP; APAM is the general partner of Artisan Holdings.

Item 4 Ownership (at December 31, 2015):

- (a) Amount owned "beneficially" within the meaning of rule 13d-3: 6,179,448
- (b) Percent of class:
 - 4.5% (based on 138,134,165 shares outstanding as of 10/30/2015)
- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote:

None

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

5,905,926

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

None

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

6,179,448

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [X].

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

Not Applicable

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

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.

Date: February 2, 2016

ARTISAN PARTNERS ASSET MANAGEMENT INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Gregory K. Ramirez *

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Gregory K. Ramirez *

ARTISAN PARTNERS FUNDS, INC.

By: Gregory K. Ramirez *

*By: /s/ Gregory K. Ramirez

Gregory K. Ramirez Senior Vice President of Artisan Partners Asset Management Inc.

Vice President of Artisan Investments GP LLC

Chief Financial Officer, Vice President and Treasurer of Artisan Partners Funds, Inc.

Exhibit Index

Exhibit 1 Joint Filing Agreement dated February 2, 2016 by and among Artisan Partners Limited Partnership, Artisan Investments GP LLC, Artisan Partners Holdings LP, Artisan Partners Asset Management Inc., and Artisan Partners Funds, Inc.

EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule $13\mathrm{G}$ to which this Agreement is attached.

Dated: February 2, 2016

ARTISAN PARTNERS ASSET MANAGEMENT INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Gregory K. Ramirez *

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Gregory K. Ramirez *

ARTISAN PARTNERS FUNDS, INC.

By: Gregory K. Ramirez *

*By: /s/ Gregory K. Ramirez

Gregory K. Ramirez
Senior Vice President of
Artisan Partners Asset
Management Inc.
Vice President of Artisan
Investments GP LLC
Chief Financial Officer, Vice

President and Treasurer of Artisan Partners Funds, Inc.