FLIR SYSTEMS INC Form SC 13G/A October 09, 2015

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. 6)*

FLIR Systems, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

302445101

(CUSIP Number)

September 30, 2015

(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).

CUSIP No. 302445101

13G

1		ORTING PERSON	
2		PPROPRIATE BOX IF A MEMBER OF A GROUP	(a) [_] (b) [_]
	Not Applic	able	[_] (d)
3	SEC USE ONL	Y	
4	CITIZENSHIP	OR PLACE OF ORGANIZATION	
	Delaware		
		5 SOLE VOTING POWER	
	MBER OF	None	
BEN		6 SHARED VOTING POWER	
	WNED BY EACH	6,839,612	
		7 SOLE DISPOSITIVE POWER	
	WITH	None	
		8 SHARED DISPOSITIVE POWER	
		7,113,134	
9	AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	7,113,134		
10	CHECK BOX I (see Instru	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	[_]
	Not Applic	able	
11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	5.1%		
12	TYPE OF REP (see Instru	ORTING PERSON ctions)	
	IA 		
CUS	IP No. 3024	45101 13G	
1	NAME OF REP	ORTING PERSON	
	Artisan In	vestments GP LLC	
2		PPROPRIATE BOX IF A MEMBER OF A GROUP	
	(see Instru	ctions)	(a) [_]

	Not Applic	able	5	(b)	[_]
3	SEC USE ONL	Y			
	CITIZENSHIP	OR	PLACE OF ORGANIZATION		
	Delaware				
		5	SOLE VOTING POWER		
	MBER OF SHARES		None		
BEN	EFICIALLY	6	SHARED VOTING POWER		
	WNED BY EACH		6,839,612		
	PORTING PERSON	7	SOLE DISPOSITIVE POWER		
	WITH		None		
		8	SHARED DISPOSITIVE POWER		
			7,113,134		
9	AGGREGATE A	MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	7,113,134				
10	CHECK BOX I (see Instru		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		[_]
	Not Applic	able	e		
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
	5.1%				
12	TYPE OF REP (see Instru				
	HC				
CUS	IP No. 3024	451)	01 13G		
1	NAME OF REP	ORT	ING PERSON		
	Artisan Pa	rtne	ers Holdings LP		
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP	(a)	[_]
	Not Applic	able	e e	(b)	L_]
3	SEC USE ONL	Y			

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware			
	5 SOLE VOTING POWER		
NUMBER OF	None		
SHARES BENEFICIALLY	6 SHARED VOTING POWER		
OWNED BY EACH	6,839,612		
REPORTING PERSON	7 SOLE DISPOSITIVE POWER		
WITH	None		
	8 SHARED DISPOSITIVE POWER		
	7,113,134		
9 AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
7,113,13	4		
	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ructions)		[_]
Not Appl	icable		
11 PERCENT O	F CLASS REPRESENTED BY AMOUNT IN ROW (9)		
5.1%			
	EPORTING PERSON ructions)		
НС			
CUSIP No. 30	2445101 13G		
1 NAME OF R	EPORTING PERSON		
Artisan	Partners Asset Management Inc.		
2 CHECK THE (see Inst	APPROPRIATE BOX IF A MEMBER OF A GROUP ructions)		[_]
Not Appl	icable	(b)	[_]
3 SEC USE O	 NLY		
4 CITIZENSH	IP OR PLACE OF ORGANIZATION		
Delaware			
	5 SOLE VOTING POWER		

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NUMBER OF	None		
SHARES BENEFICIALLY	6 SHARED VOTING POWER		
OWNED BY EACH	6,839,612		
REPORTING PERSON	7 SOLE DISPOSITIVE POWER		
WITH	None		
	8 SHARED DISPOSITIVE POWER		
	7,113,134		
9 AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
7,113,134			
10 CHECK BOX I (see Instru	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)		[_]
Not Applic	able		
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)		
5.1%			
12 TYPE OF REP (see Instru	ORTING PERSON ctions)		
HC			
CUSIP No. 3024	45101 13G		
 1 NAME OF REP	ORTING PERSON		
	rtners Funds, Inc.		
2 CHECK THE A (see Instru	PPROPRIATE BOX IF A MEMBER OF A GROUP ctions)	(a)	[_]
Not Applic	able	(b)	[_]
3 SEC USE ONL	Y Y		
4 CITIZENSHIP	OR PLACE OF ORGANIZATION		
Wisconsin			
	5 SOLE VOTING POWER		
NUMBER OF	None		
SHARES BENEFICIALLY	6 SHARED VOTING POWER		
OWNED BY EACH	5,067,474		
REPORTING			

PERSON	Edgar Filing: FLIR SYSTEMS INC - Form SC 13G/A 7 SOLE DISPOSITIVE POWER
WITH	None
	8 SHARED DISPOSITIVE POWER
	5,067,474
9 AGGREGA 5,067,	TE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
	istructions) [_]
Not Ap	plicable
11 PERCENI	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
3.6%	
	REPORTING PERSON
IC	
Item 1(a)	Name of Issuer:
	FLIR Systems, Inc.
Item 1(b)	Address of Issuer's Principal Executive Offices:
	27700 SW Parkway Avenue, Wilsonville, Oregon 97070
Item 2(a)	Name of Person Filing:
	Artisan Partners Limited Partnership ("APLP") Artisan Investments GP LLC ("Artisan Investments") Artisan Partners Holdings LP ("Artisan Holdings") Artisan Partners Asset Management Inc. ("APAM") Artisan Partners Funds, Inc. ("Artisan Funds")
Item 2(b)	Address of Principal Business Office:
	APLP, Artisan Investments, Artisan Holdings, APAM, and Artisan Funds are all located at:
	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

Item 3 Type of Person:

(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 ${\rm Act}$ 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 September 30, 2015):
 - (a) Amount owned "beneficially" within the meaning of rule 13d-3:7,113,134
 - (b) Percent of class:

5.1% (based on 140,248,397 shares outstanding as of July 31, 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:

6,839,612

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

7,113,134

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:

The shares reported herein have been acquired on behalf of discretionary clients of APLP; as reported herein, APLP holds 7,113,134 shares, including 5,067,474 shares on behalf of Artisan

Funds. Persons other than APLP are entitled to receive all dividends from, and proceeds from the sale of, those shares.

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:

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.

Date: October 9, 2015

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 October 9, 2015 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 13G to which this Agreement is attached.

Dated: October 9, 2015

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

President and Treasurer of Artisan Partners Funds, Inc.