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

Onte 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	NAME OF REPORTING PERSON						
	Artisan Pa	artners Limited Partnership					
2	CHECK THE A	·		 [_]			
	Not Applic	cable	(U)	L_J			
3	SEC USE ONI	LY					
4	CITIZENSHIP	P OR PLACE OF ORGANIZATION					
	Delaware						
		5 SOLE VOTING POWER					
NUMBER OF		None					
BEN		6 SHARED VOTING POWER					
0	WNED BY EACH	6,839,612					
	PORTING PERSON	7 SOLE DISPOSITIVE POWER					
	WITH	None					
		8 SHARED DISPOSITIVE POWER					
		7,113,134					
9	AGGREGATE A	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
10	CHECK BOX I	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		[_]			
	Not Applic	cable					
11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)					
	5.1%						
12	TYPE OF REP	PORTING PERSON actions)					
	IA						
CUS	IP No. 3024	445101 13G					
 1	NAME OF DER						
Τ							
		ADDRODDIATE DOX IF A MEMBER OF A CROUD					
2	(see Instru	APPROPRIATE BOX IF A MEMBER OF A GROUP actions) ((a)	[_]			

	Not Applic	abl	e	(b)	[_]	
3	SEC USE ONL	 Ү				
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION			
	Delaware					
		5	SOLE VOTING POWER			
NU	IMBER OF		None			
	SHARES IEFICIALLY	6	SHARED VOTING POWER			
0	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 Applicable					
 11	PERCENT OF	CLA:	SS REPRESENTED BY AMOUNT IN ROW (9)			
	5.1%					
12	TYPE OF REPORTING PERSON (see Instructions)					
	HC	CCI	5115)			
CUS	SIP No. 3024	451	01 13G			
1	NAME OF REP	ORT:	ING PERSON			
	Artisan Partners Holdings LP					
2						
	Not Applicable (b)					
3	SEC USE ONL	 Ү				

4 CITIZENSHIP OR PLACE OF ORGANIZATION

	Delaware			
		5 SOLE VOTING POWER		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON		None		
		6 SHARED VOTING POWER		
		6,839,612		
		7 SOLE DISPOSITIVE POWER		
WITH	None			
		8 SHARED DISPOSITIVE POWER		
		7,113,134		
9	AGGREGATE A	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	7,113,134			
10	CHECK BOX I	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES uctions)		[_]
	Not Applio	cable 		
11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	5.1%			
12	TYPE OF REF	PORTING PERSON uctions)		
	HC			
CUSI	IP No. 3024	445101 13G		
1	NAME OF REF	PORTING PERSON		
	Artisan Pa	artners Asset Management Inc.		
2	CHECK THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP uctions)	(a)	[_]
	Not Applic		(b)	[_]
3	SEC USE ONI	LY		
4	CITIZENSHIE	P 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 AI	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
7,113,134			
	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)		[_]
Not Applica	able		
11 PERCENT OF (CLASS REPRESENTED BY AMOUNT IN ROW (9)		
5.1%			
12 TYPE OF REPO	ORTING PERSON ctions)		
НС			
CUSIP No. 3024	45101 13G		
1 NAME OF REP	ORTING PERSON		
Artisan Pa:	rtners Funds, Inc.		
2 CHECK THE A	PPROPRIATE BOX IF A MEMBER OF A GROUP		
(see Instru		(a) (b)	[_] [_]
Not Applica			
3 SEC USE ONL	Y		
4 CITIZENSHIP	OR PLACE OF ORGANIZATION		
Wisconsin			
	5 SOLE VOTING POWER		
NUMBER OF	None		
SHARES	6 SHARED VOTING POWER		
OWNED BY			
EACH REPORTING	5,067,474		

PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	5,067,474	
9 AGGREGA	ATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
5,067,	474	
	BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES astructions)	[_]
Not Ap	pplicable	
11 PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
3.6%		
12 TYPE OF	REPORTING PERSON	
(see In	nstructions)	
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 Artisar Funds are all located at:	1
	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 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: $\label{eq:None} \mbox{None}$
 - (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:

None

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

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: 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

Crogory V Dominor

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 $13\mathrm{G}$ 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
Artisan Partners Funds, Inc.