FLIR SYSTEMS INC Form SC 13G/A March 24, 2014

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. 4)*

FLIR Systems Inc

(Name of Issuer)

Common Stock

(Title of Class of Securities)

302445101

(CUSIP Number)

March 12, 2014

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

[X] Rule 13d-1(b)

(Date of Event Which Requires Filing of this Statement)

- [_] 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).

1 NAME OF REP	ORTING PERSON	
Artisan Pa	rtners Limited Partnership	
2 CHECK THE A (see Instru	PPROPRIATE BOX IF A MEMBER OF A GROUP	(a) [_] (b) [_]
Not Applic	able	
3 SEC USE ONL	у	
4 CITIZENSHIP	OR PLACE OF ORGANIZATION	
	5 SOLE VOTING POWER	
NUMBER OF	None	
	6 SHARED VOTING POWER	
OWNED BY EACH	14,957,158	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	15,427,281	
9 AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
15,427,281		
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)	
11.0%		
12 TYPE OF REP (see Instru	ORTING PERSON	
IA		
CUSIP No. 3024	45101 13G	
1 NAME OF REP	ORTING PERSON	
Artisan In	vestments GP LLC	

2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP ons)	(a) (b)	[_]		
	Not Applic	abl	е				
3	SEC USE ONL	 Y					
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION				
	Delaware						
		5	SOLE VOTING POWER				
NU	MBER OF		None				
	SHARES EFICIALLY WNED BY	6	SHARED VOTING POWER				
RE	EACH PORTING		14,957,158				
	PERSON WITH	7	SOLE DISPOSITIVE POWER				
	WIII		None				
		8	SHARED DISPOSITIVE POWER				
			15,427,281				
9	15,427,281		NT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10	CHECK BOX I (see Instru		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ons)		[_]		
	Not Applic	abl	e 				
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)				
	11.0%						
12		TYPE OF REPORTING PERSON (see Instructions)					
	HC						
CUS	IP No. 3024	451	01 13G				
1	NAME OF REP	ORT	ING PERSON				
	Artisan Pa	rtn 	ers Holdings LP				
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP ons)	(a) (b)	[_]		

	Not Applica	able		
3	SEC USE ONL	Y		
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION	
	Delaware			
		5	SOLE VOTING POWER	
NU	MBER OF		None	
		6	SHARED VOTING POWER	
	WNED BY EACH		14,957,158	
	PORTING PERSON	7	SOLE DISPOSITIVE POWER	
	WITH		None	
		8	SHARED DISPOSITIVE POWER	
			15,427,281	
9	AGGREGATE AI	 MOUN	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	15,427,281			
10	CHECK BOX II		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	 [_]
	Not Applica	able		
11	PERCENT OF (CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)	
	11.0%			
12	TYPE OF REPO			
	НС			
CUS	IP No. 3024	4510	D1 13G	
1	NAME OF REP	ORTI	ING PERSON	
	Artisan Pa	rtne	ers Asset Management Inc.	
2	CHECK THE AI		DPRIATE BOX IF A MEMBER OF A GROUP	[_]
	Not Applica	able		
3	SEC USE ONL	 Y		

4	CITIZENSHIP	OR	PLACE OF ORGANIZATION		
	Delaware				
		 5	SOLE VOTING POWER		
NUI	MBER OF		None		
	SHARES EFICIALLY	 6	SHARED VOTING POWER		
	WNED BY EACH		14,957,158		
	PORTING				
	PERSON WITH	/	SOLE DISPOSITIVE POWER		
			None		
		8	SHARED DISPOSITIVE POWER		
			15,427,281		
9	AGGREGATE A	MOUN	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	15,427,281				
10			HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		· 1
	(see Instru				[_]
	Not Applic	able	≥ 		
11	PERCENT OF	CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)		
	11.0%				
12	TYPE OF REPO				
		001			
	HC 				
CUS	IP No. 3024	451(01 13G		
1	NAME OF REP	ORTI	ING PERSON		
	Artisan Pa	rtne	ers Funds, Inc.		
2	CHECK THE A	PPRO	DPRIATE BOX IF A MEMBER OF A GROUP		
	(see Instru	ctio	ons)	(a) (b)	[_] [_]
	Not Applic	able	e e	•	
3	SEC USE ONL				
	CITIZENSHTP	 OR	PLACE OF ORGANIZATION		

Wiscons	in
	5 SOLE VOTING POWER
NUMBER OF	None
SHARES BENEFICIALLY	6 SHARED VOTING POWER
OWNED BY EACH	10,891,389
REPORTING PERSON	7 SOLE DISPOSITIVE POWER
WITH	None
	8 SHARED DISPOSITIVE POWER
	10,891,389
9 AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
10,891,	389
	X IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES tructions)
Not App	licable
11 PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
7.7%	
	REPORTING PERSON tructions)
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, OR 97070
Item 2(a)	Name of Person Filing:/1/
	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

- - (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.
- /1/ This amendment to the Schedule 13G is being filed solely as a result of the change in control of Artisan Partners Limited Partnership. As of March 12, 2014, Artisan Investment Corporation, ZFIC, Inc., Andrew A. Ziegler and Carlene M. Ziegler are no longer deemed to be controlling persons of Artisan Partners Limited Partnership and are no longer joint filers with the other reporting persons.
- Item 4 Ownership (at March 12, 2014):
 - (a) Amount owned "beneficially" within the meaning of rule 13d-3: 15,427,281
 - (b) Percent of class:

11.0% (based on 140,878,393 shares outstanding as of February $28,\ 2014$)

- (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:

14,957,158

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

of:

None

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

15,427,281

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 15,427,281 shares, including 10,891,389 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.

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: March 24, 2014

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 March 24, 2014 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: March 24, 2014

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.