

FLIR Systems FLIR Thermal Camera F/FC/PT/D Hard-Coded SSH Credentials

2017.09.26		
Credit: Gjoko 'LiquidWorm' Krstic (https://cxsecurity.com/author/Gjoko+%26%23039%3BLiquidWorm%26%23039%3B+Krstic/1/)		
Risk: High	Local: No	Remote: Yes
CVE: N/A	CWE: N/A	

FLIR Systems FLIR Thermal Camera F/FC/PT/D Hard-Coded SSH Credentials

Vendor: FLIR Systems, Inc.

Product web page: <http://www.flir.com>

Affected version: Firmware version: 8.0.0.64
 Software version: 10.0.2.43
 Release: 1.4.1, 1.4, 1.3.4 GA, 1.3.3 GA and 1.3.2
 FC-Series S (FC-334-NTSC)
 FC-Series ID
 FC-Series-R
 PT-Series (PT-334 200562)
 D-Series
 F-Series

Summary: FLIR's PT-Series of high-performance, multi-sensor pan/tilt cameras bring thermal and visible-light imaging together in a system that gives you video and control over both IP and analog networks. The PT-Series' precision pan/tilt mechanism gives you accurate pointing control while providing fully

programmable scan patterns, radar slew-to-cue, and slew-to-alarm functions.

PT-Series cameras define a new standard of performance with five models that provide full 640x480 thermal resolution.

Desc: FLIR utilizes hard-coded credentials within its Linux distribution image.

These sets of credentials are never exposed to the end-user and cannot be changed through any normal operation of the camera.

**Tested on: Linux 2.6.18_pro500-davinci_evm-arm_v5t_le
Linux 2.6.10_mvl401-davinci_evm-PSP_01_30_00_082
Nexus Server/2.5.29.0
Nexus Server/2.5.14.0
Nexus Server/2.5.13.0
lighttpd/1.4.28
PHP/5.4.7**

**Vulnerability discovered by Gjoko 'LiquidWorm' Krstic
@zeroscience**

Advisory ID: ZSL-2017-5436

Advisory URL: <https://www.zeroscience.mk/en/vulnerabilities/ZSL-2017-5436.php>

23.03.2017

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**root:indigo
root:video
default:video
default:[blank]
ftp:video**

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