

Guide to Powering Agent Vi Analytics on FLIR's Latitude



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1 Overview

Integration of FLIR's Latitude with Agent Vi's savVi offers:

- Real-Time Detections and Alerts. Events of interest are detected through real-time analysis of multiple video sources and sent to Latitude Control Center
- Video Search. Recorded video is queried and events of interest are located and extracted from the Latitude recording server
- Business Intelligence. Statistical information related to the behavior of people and vehicles is generated from the surveillance video, including traffic volumes, traffic trends and motion patterns. Generation of such data uses live video from Latitude connected cameras and recorded video from Latitude recording server

These capabilities are available for IP cameras and encoders powered by embedded Vi-Agent ("Optimized Deployment", for greater scalability) and for cameras managed by Latitude but not powered by Vi-Agent ("Flexible Deployment" using Vi-Agent Proxy to pull live video from Latitude).

1.1 About this Guide

This guide shows how to deploy and configure savVi and FLIR's Latitude for video analytics.

1.2 Version Compliance

- Agent Vi's savVi 5.4, 5.5
- FLIR's Latitude version 7.0, 8.0

2 Installation and Configuration

2.1 Prerequisites

- Ensure that Windows Desktop Experience feature is enabled in savVi server
- Ensure that all savVi's servers as well as all FLIR's servers are continuously time-synchronized by a single NTP server
- FLIR Latitude installed and configured
- Ensure that FLIR is recording continuously (not triggered by motion)

2.2 Enabling Procedure

To enable analytics with Latitude:

1. Install the following components on the server where savVi is installed and on the server where FLIR VMS is installed
 - a. FLIR Latitude client only (two applications are installed: Admin Center and Control Center)
 - b. For FLIR 7.0 - FLIR Latitude Update, version 7.0.0.5769 or later.

For FLIR 8.0 - FLIR Latitude Update, version 8.0.1.610 or later

- c. 'FLIR.AgentVi.Plugin.msi' version 7.0.0.4 or later. Provided by FLIR, enabling events display on FLIR client
2. Install savVi. For additional information, please refer to the Agent Vi Online Certification Program, Installer course, Installation and Configuration lessons
3. Use savVi-Manager to configure the connection with FLIR server and to add cameras

The following window is displayed when adding the FLIR VMS:



VMS Type: FLIR Latitude

Main Server Host Name: |

Failover Server Host Name:

Port: 1116

User: admin

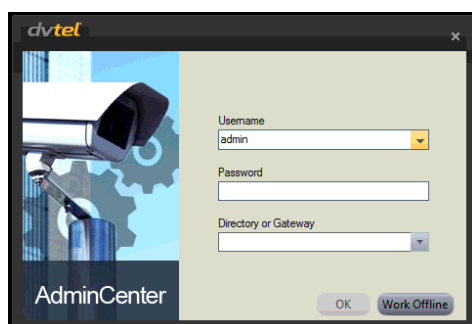
Password:

If savVi is integrated with a FLIR VMS server configured in failover mode, enter the relevant server names in the “Main Server Host Name” and the “Failover Server Host Name” fields.

If the FLIR VMS server is not configured in Failover mode, enter the main server host name only.

Important: you must enter the VMS Server Host Name and not the IP Address.

4. To connect to FLIR VMS, run the Admin Center application, the following window is displayed:



AdminCenter

Username: admin

Password:

Directory or Gateway:

OK Work Offline

Enter the Username, Password and IP address of the server on which the FLIR VMS is installed. Click OK

5. When deploying real-time detection and alerts, configure Latitude to receive analytics events (refer to **FLIR - Agent Vi Integration Manual, provided by FLIR**)

2.3 Required FLIR Licenses for savVi deployment

2.3.1 Calculating the required type and number of FLIR licenses

You should order the following items from FLIR:

DSF Connections:

Number of cameras configured in Flexible deployment (streaming video through VAP) - **in case of Optimized Deployment this is 0**

+

1 for fetching or refreshing camera thumbnails

+

The total amount of concurrently used Agent Vi's client applications (savVi-Manager, savVi Analyst)

Mobile User Connections:

Number of active VAP (Vi-Agent-Proxy) services. Note that each VAP service can handle up to 8 cameras. **In case of Optimized Deployment this is 0**

+

1 for periodic camera list updates

+

The total amount of concurrently used Agent Vi's client applications (savVi-Manager, savVi Analyst)

2.3.2 View FLIR licenses in Admin Center

In Admin Center, go to System Settings in the left menu bar, then select License. The following window is displayed (example):

The screenshot shows the FLIR AdminCenter interface. The left sidebar has 'System Settings' selected. The main content area is titled 'License' and contains three sections:

- License Information:** A table listing various features and their usage.

Feature	Feature Informa...	Usage
Active Directory integration	Supported	Not In Use
Add-on component	Unlimited	3
Case Builder	Supported	Not In Use
DSF connection	1	0
Fallover Directory	Unlimited	0
Fallover video channel	Unlimited	0
GIS Mapping	Supported	Not In Use
Global Admin	Supported	Not In Use
Keyboard connection	Unlimited	0
Mobile user	5	0
Mobile Video Feed	Unlimited	0
Network media	Supported	Not In Use
- System Information:** Fields for 'Activation key' (2ALV2-FSY7J-XLX3B-RVY88-7N4C8) and 'Expiration date' (8/22/2017 6:26:41 PM). Below is a 'Directory servers' table:

Database Network Address	Is Licensed
192.168.0.50	True
- Add-on Components Information:** A table for 'Add-on Component Name' and 'Usage'.

Add-on Component Name	Usage
Forcefield (F)	
IP Interface	
TWAssignmentTool	

At the bottom of the main area, there are input fields for 'Feature Information' (Unlimited) and 'Usage' (3). The status bar at the bottom shows system information like 'System Administrator', 'Tuesday, August 08, 2017 1:42:41 PM', and resource usage.



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