

# FLIR Flux

Video detection management software



Flux is an intelligent software platform for use with a FLIR video detection system. Flux collects traffic data, events, alarms and video images generated by the video detectors. FLUX also offers video management capacity and can control network video recorders, video walls, mobile and fixed cameras.

## MANAGE, CONTROL AND VISUALIZE TRAFFIC DATA AND EVENTS

Use Flux to manage and control all your traffic information generated by various detectors and to make it useful, meaningful and relevant to your users. Flux provides a user-friendly interface composed of a monitoring and a reporting application and enables real-time monitoring of events and alarms. All event info is automatically documented and visualized in a straightforward way, allowing you to manage each traffic situation efficiently.

## BROWSER-BASED GRAPHICAL USER INTERFACE (GUI)

The client of Flux is a web-based application. This means you only need a web-browser installed on your PC that is connected to the network of the video detection system to access the traffic management system. The Flux application also allows you to make optimal use of a multiple screen workstation in your control room.

## USE FLUX TO:

- Collect, visualize and store traffic data, events and alarms
- Present your video detectors graphically, including event alerting and extensive event logging
- Manage intelligent filters
- Stream video from multiple cameras simultaneously
- Record pre- and post-event information instantly

## KEY BENEFITS

- FAST, RELIABLE AND STABLE SYSTEM
- EASY INSTALLATION, WINDOWS AND LINUX COMPATIBLE
- USER-FRIENDLY CONFIGURATION AND OPERATION
- EXPANDABLE, SCALABLE SYSTEM
- OPEN ARCHITECTURE FOR EASY INTEGRATION WITH LARGER TRAFFIC MANAGEMENT SYSTEMS



Flux collects and visualizes a wide range of traffic data, events and alarms



Flux can easily record video sequences.

## EVENT RECORDING AND IMMEDIATE REPLAY

You can use Flux to store and collect data, events and video, and immediately retrieve these recorded video sequences with pre- and post-incident images. This direct visual information not only allows you to take all necessary actions in case of an incident but also to use it for traffic analysis and evaluation afterwards.

## POWERFUL EVENT ALERTING AND INTELLIGENT FILTERING

Flux uses advanced filters to ensure that alerts are relevant. A filter is a rule that is applied to incoming events, and is based on the properties of the event and optionally on the history of past events. These filters can be triggered directly from the Flux user interface, automatically from digital inputs from the video detection system or the built-in Flux scheduler or remotely from a larger management system.

## VERSATILE TRAFFIC MANAGEMENT PLATFORM FOR ANY SIZE SYSTEM

From small-scale video detection to large-scale systems with hundreds of detection devices, the architecture of Flux allows scaling the system to the exact requirements of the project.

## OPEN ARCHITECTURE

Flux has an open architecture and can easily be customized and integrated with other systems. Custom developed plug-ins allow you to expand the functionality of Flux. For example, it can be integrated with third party systems or extended with additional event sources or event types. You can also modify the way event notifications are made available to you.



Extensive traffic data reports



Real-time traffic monitoring



Simultaneous, real-time video from multiple cameras

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