FCPE

FLIR Certified Platform Engineer

ABSTRACT
This is the training is all about administrating
FLUX Traffic Management Systems.

TrafiCon Academy
FCPE FLUX Admin

Note:

The information in this document is subject to change without notice.

The final training can differ from the proposed training schedule depending on customer needs and demands.

1 GOALS

1.1 TOPIC

This training is about how to administrate FLUX: FLIR ITS Traffic Management System.

1.2 GOAL

When you have completed this training, you'll be able to explain what FLUX is, install, and configure FLUX as gateway server.

This training does not include the communication with any third party SCADA system or set-up FLUX as a redundant system.

1.3 OBJECTIVES

- Explain the architecture of FLUX
- Describe the features of FLUX
- Install FLUX as a standalone server on Widows or Linus OS
- Configure FLUX to collect and store event, images and image sequences
- Configure FLUX to offer relevant information to operators by organizing the data and using filters and scenarios.
- Create a back-up
- Maintain FLUX

1.4 TIMING

This is a 1-day course

1.5 PREREQUISITES

PC skills

Basic knowledge on the configuration of FLIR ITS VIP-series, TrafiBot-series, ITS series AID and FLIR Smart City sensors.

2 AGENDA

09:00   Welcome

09:05   FLIR

- FLIR, the company
- The technology

09:30   Flux

- Traficon Management System
- Principles
- Possibilities
- Flux: desktop

10:15   Break

10:30   Install FLUX

- On Windows OS
- Or Linux OS
- Or in Virtual Box

11:30   Install Test-Robot

11:45   Upload & Deploy

- Upload offline network
- Deploy offline network

12:00   Organize

- Groups
- Relations

12:30   Lunch

13:30   Handle

- Events
- Images
- Image sequences

14:15   Filters and Scenarios

15:00   Break

15:15   Systems settings

- Create users
- Create restore points

15:35   FLUX not as a gateway

- Maps
- Dashboards
- NVR

16:00   Monitor and create reports

- Monitor events
- Create event reports
- Create data reports

17:00   End

3 REQUIREMENTS

3.1 LOCATION

The training can be given at

- the customer premises
- FLIR ITS facilities.

3.2 CLASSROOM

The classroom should have the following:

- Whiteboard and/or Flipchart
- Projector or big screen
    - To connect trainer's laptop on
    - If not available, we can take care of it
- Table and chair for every participant

3.3 STUDENTS

The students should:
Have:

- a laptop
    - on which they can install software
    - if they cannot install software we can send it before so admin can install it for them.

Know:
- basic pc skills

3.4 FLUX

To install FLUX (Linux or Win):

- laptop/ server (see min requirements below)
- best 1 per person
- or work with virtual machine

or equipment can be provided by Traficon Academy

Required	For training allowed
- 8 GB RAM	- 4 GB
- Quad Core CPU @2Ghz min	- Intel Core i5 & higher (or equivalent)
- 500GB @7200rpm min	- 250
At least 1 Gbps Network card	At least 1 Gbps Network card

Access to online training platform, which will be granted once

4 CONTACT DETAILS:

4.1 TRAINER:

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4.2 CONTAC:T

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