



FFT Integration Module Setup and User Guide

ACFA PSIM 1.1

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1 Introduction into FFT Integration Module Setup and User Guide

On the page:

- [Purpose and Structure of the Guide](#)
- [General information about the FFT integration module](#)

1.1 Purpose and Structure of the Guide

The *FFT* Module Settings Guide is a reference manual designed for *FFT* Module users. This module functions as a part of perimeter intrusion detection system based on the *ACFA PSIM* software package.

This Guide presents the following materials:

1. General information about the *FFT* integration module;
2. Configuration of the *FFT* integration module;
3. Working with the *FFT* integration module.

1.2 General information about the FFT integration module

The *FFT* integration module is part of the perimeter intrusion detection system built on the basis of the *ACFA PSIM* Software System. It is designed to monitor and control devices of the *FFT* module. Configuring devices of the *FFT* module in the *ACFA PSIM* software package is impossible.

Note.

Detailed information about the *FFT* module is presented in the official documentation for that system (see <http://www.fftsecurity.com/>).

Before start the working of the *FFT* integration module install hardware on the secured object and configure the system in the vendor's software.

It is required to install the following vendor's software: *FFT CAMS 3 Server + Client* and *FFT CAMS 3 Development SDK*.

2 Integration with FFT

Manufacturer	Future Fibre Technologies Limited 10 Hartnett Close, Mulgrave Victoria 3170 Australia Phone: +61 3 9590 3100 Fax: +61 3 9560 8000 http://www.fftsecurity.com/
Integration type	SOFT-SOFT

Supported equipment

Equipment	Function	Features
Aura SR	High resilience perimeter security	Locates intrusion to within 6m Single system for fence and covert buried detection No electronics or power in the field Sensor cable cut resilience Immune to EMI, RFI & lightning
Aura LR	Pipeline security	Valuable real-time early warning of TPI activities A single pipeline security system protects up to 40km of sensor cable length Locate intrusions to 10 metres on FFT approved installations Early warning of activities before the pipeline is damaged No electronics or power in the field
Secure point	Hardware zoned perimeter intrusion detection	Two independent zones in a remote capable controller Sensor cable immune to EMI, RFI & lightning Independent zones can be up to 500m long No electronics or power in the field High temperature rating for harsh environments Insensitive lead-in cable up to 10km long

 **Note.**

The *FFT* integration supports all devices which can be connected to the FFT Server.

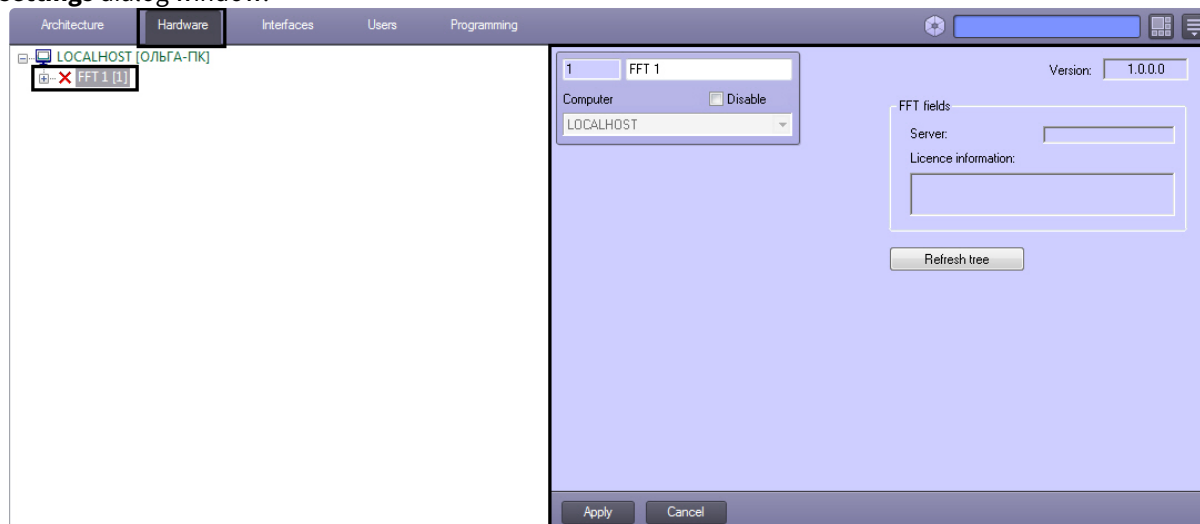
Protection

For 1 loop.

3 Configure connection of the FFT integration module and ACFA PSIM software package

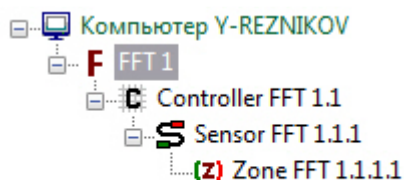
To configure connection of the *FFT* integration module and *ACFA PSIM* software package, do the following:

1. Create the **FFT** object on the basis of the **Computer** object on the **Hardware** tab of the **System settings** dialog window.



2. Click the **Refresh tree** button on settings panel of the **FFT** object to read configuration from the vendor's software.
3. Click the **Apply** button.

As a result the object's tree of the *FFT* module will be created.



Object settings will be also displayed on the corresponding settings panels.

1.1.1.1 Gate A2 [1.1.1.1] Version: 1.0.0.0

Sensor FFT Отключить

Sensor FFT 1.1.1

FFT fields

ID:	8
Name:	Gate A2
Description:	Zone include gate A2
Status:	Not isolated
Cable start:	0
Cable end:	504
Perimeter start:	0
Perimeter end:	504

Apply Cancel

4 Working with the FFT integration module

4.1 General information about working with the FFT integration module

The following interface objects are used for working with *FFT* integration module:

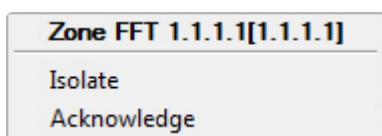
1. **Map.**
2. **Events protocol.**

Information about **Map** and **Events protocol** interface objects configuration is given in [Axxon PSIM Software Package: Administrator's Guide](#).

Working with these interface objects is given in details in [Axxon PSIM Software Package: Operator's Guide](#).

4.2 Managing Zones FFT

The Zones FFT are managed in the **Map** interactive window using the corresponding object's menu. Select the **Line** type of display while adding the Zone FFT on the map.



Description of **Zone FFT**'s menu commands is given in the table.

Menu item	Performed function
Isolate	Isolates zone
Acknowledge	Confirms alarm in zone