



## FFT Integration Module Setup and User Guide

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## Table of contents

|          |   |          |
|----------|---|----------|
| <b>1</b> | <b>Introduction into FFT Integration Module Setup and User Guide.....</b>                         | <b>3</b> |
| 1.1      | Purpose and Structure of the Guide .....  | 3        |
| 1.2      | General information about the FFT integration module .....  | 3        |
| <b>2</b> | <b>Integration with FFT.....</b>  | <b>4</b> |
| <b>3</b> | <b>Configure connection of the FFT integration module and ACFA Intellect software package...5</b> |          |
| <b>4</b> | <b>Working with the FFT integration module.....</b>   | <b>7</b> |
| 4.1      | General information about working with the FFT integration module .....                           | 7        |
| 4.2      | Managing Zones FFT .....  | 7        |

# 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 Intellect* 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 Intellect* Software System. It is designed to monitor and control devices of the *FFT* module. Configuring devices of the *FFT* module in the *ACFA Intellect* 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

|                         |  |
|-------------------------|--|
| <b>Manufacturer</b>     | Future Fibre Technologies Limited<br>10 Hartnett Close, Mulgrave<br>Victoria 3170 Australia<br><b>Phone:</b> +61 3 9590 3100<br><b>Fax:</b> +61 3 9560 8000<br><br><a href="http://www.fftsecurity.com/">http://www.fftsecurity.com/</a> |
| <b>Integration type</b> | SOFT-SOFT  |

### Supported equipment

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

**Note.**

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

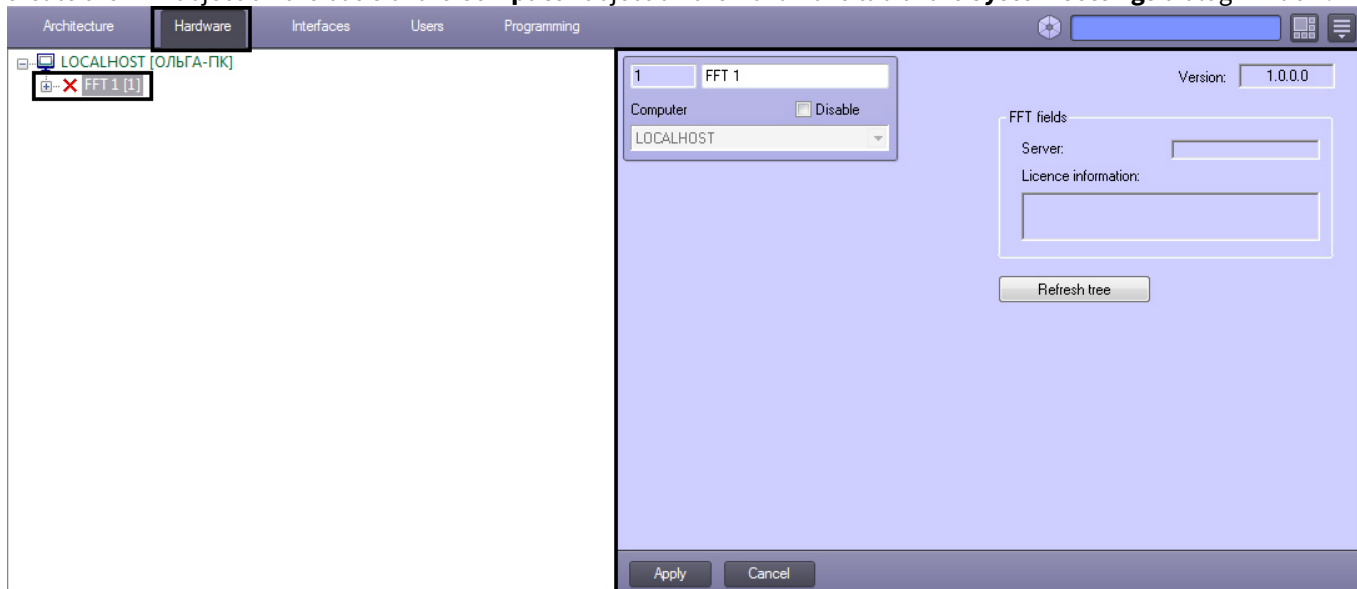
### Protection

For 1 loop.

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

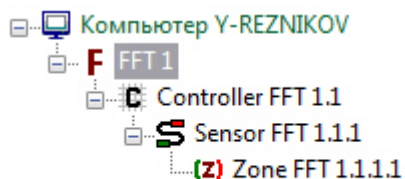
To configure connection of the *FFT* integration module and *ACFA Intellect* software package, do the following:

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:     | <input checked="" type="checkbox"/> 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:

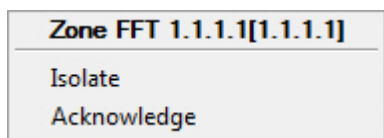
1. **Map;**
2. **Events protocol.**

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

Working with these interface objects is given in details in [Intellect 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 |