



# Detectomat Integration Module Settings Guide

ACFA PSIM 1.1

Last update 05/03/2024

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# 1 Introduction into Detectomat Integration Module Settings Guide

## On the page:

- Purpose of the document
- General information about the Detectomat integration module

## 1.1 Purpose of the document

The *Detectomat integration module settings guide* is a reference manual designed for *Detectomat* Module configuration technicians and operators. This module functions as part of fire and security alarm system which have been built on the *ACFA PSIM* Software System.

This Guide presents the following materials:

1. general information about the *Detectomat* module;
2. *Detectomat* module settings;
3. working with the *Detectomat* module.

## 1.2 General information about the Detectomat integration module

The *Detectomat* integration module is a part of the *FSA* system built on the basis of the *ACFA PSIM* Software System. It is designed to control and manage devices of the *Detectomat FSA*. Configuring the devices of the *Detectomat FSA* in the *ACFA PSIM* software package is impossible.

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

### **Note.**

Detailed information about *Detectomat* can be found in the official documentation (manufacturer “Detectomat GmbH”).

## 2 Supported hardware and licensing of the Detectomat integration module

<b>Manufacturer</b>	JOB GmbH An der Strusbek 5 22926 Ahrensburg Deutschland <a href="https://www.job-group.de/">https://www.job-group.de/</a>
<b>Integration type</b>	Low-level protocol
<b>Hardware connection</b>	Ethernet

### Supported hardware

Hardware	Purpose	Features
DC3400 SC	Fire alarm control panel	<ul style="list-style-type: none"> <li>• 18 status indicators</li> <li>• Up to 126 loops</li> <li>• Up to 126 detection areas</li> <li>• Event log up to 9999 messages</li> <li>• Up to 500 connections</li> </ul>

### Module licensing

Per one controller.

## 3 Configuration of the Detectomat integration module

### 3.1 Configuration procedure for the Detectomat integration module

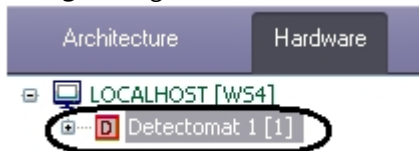
The *Detectomat* integration module is configured as follows:

1. Configure the connection of the *Detectomat* FSA to the *ACFA PSIM* software package.
2. Create objects of *Detectomat* devices.

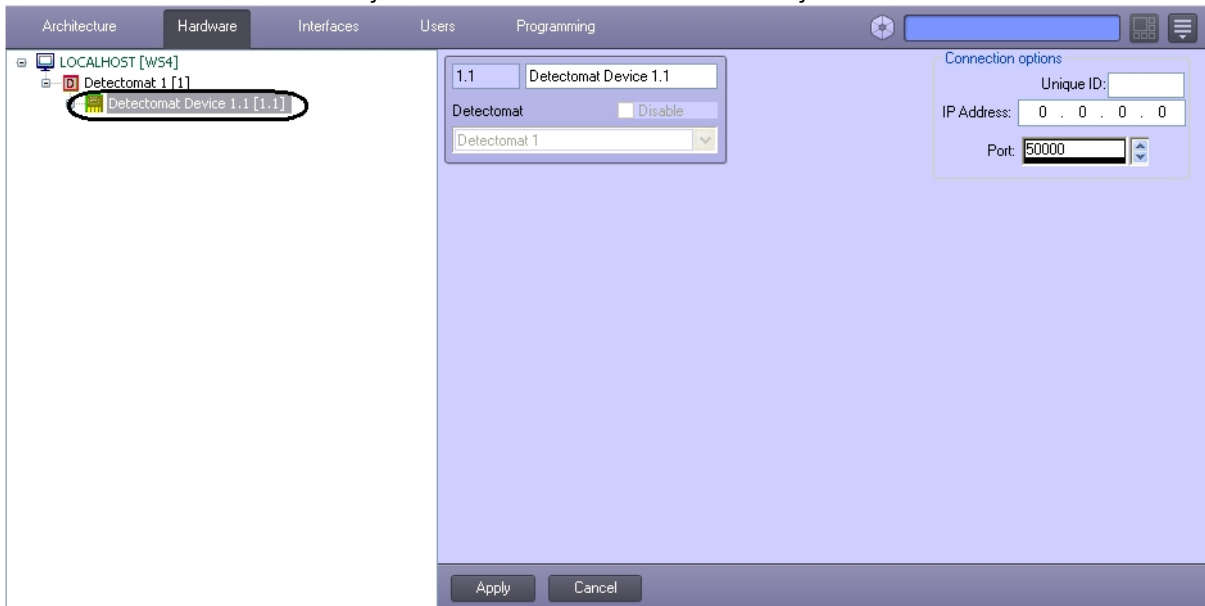
### 3.2 Configure the connection of the Detectomat FSA to the ACFA PSIM software package

To configure the connection of the *Detectomat* FSA to the *ACFA PSIM* software package, do the following:

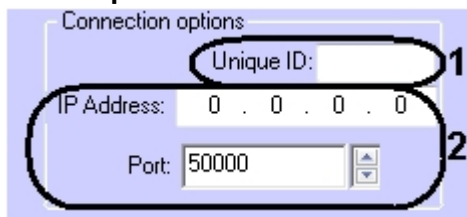
1. Create the **Detectomat** object on the basis of the **Computer** object on the **Hardware** tap of the **System settings** dialog window.



2. Create the **Detectomat Device** object on the basis of the **Detectomat** object.



3. Set the connection parameters on settings panel of the **Detectomat Device** object:
  - a. In the **Unique ID** field enter the controller ID which performs connection to the *ACFA PSIM* Server (**1**).



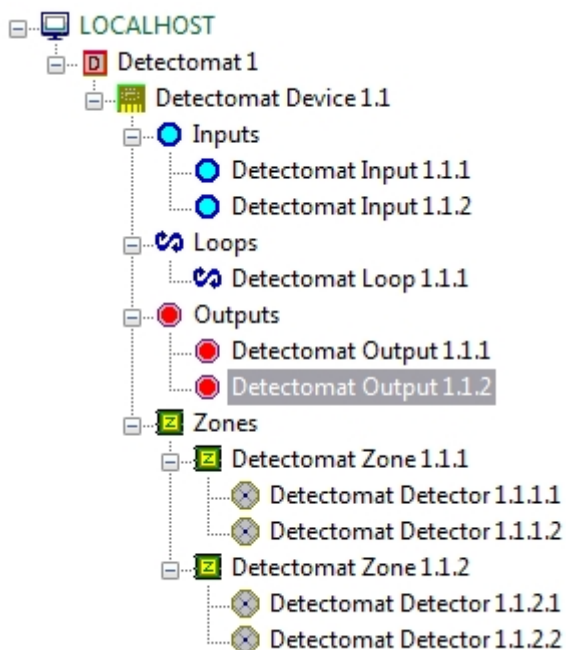
- b. Enter IP-address and port of connection the *Detectomat* controller to the *ACFA PSIM* software package (2).
4. Click the **Apply** button.

Configuring the connection of the *Detectomat* FSA to the *ACFA PSIM* software package is completed.

### 3.3 Create objects of the Detectomat devices

The following elements of the *Detectomat* FSA system are available in the *ACFA PSIM* software package: input and output relay (**Detectomat Input** and **Detectomat Output** objects), hardware loops (**Detectomat Loop** object), armed zones (**Detectomat Zone** object) and detectors (**Detectomat Detector** object).

**Detectomat Input**, **Detectomat Output**, **Detectomat Loop** and **Detectomat Zone** objects are created on the basis of the **Detectomat Device** object, the **Detectomat Detector** object is created on the basis of the **Detectomat Zone** object.



Physically detectors are connected and located on the hardware loop. But in the *ACFA PSIM* software package it is required to allocate the **Detectomat Detector** objects by armed zones as it is done in the vendor software.

## 4 Working with the Detectomat integration module

### 4.1 General information about working with the Detectomat integration module

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

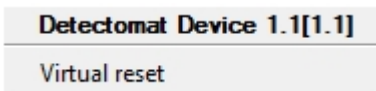
1. **Map.**
2. **Events protocol.**

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](#).

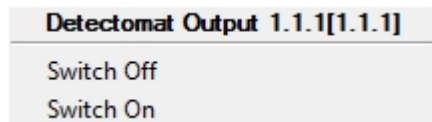
### 4.2 Virtual reset of alarm

In the *ACFA PSIM* software package it is possible to perform virtual reset of alarm from the **Detectomat** devices, at this, alarm can stay on devices in fact. To perform it, select the **Virtual reset** item in the feature menu of the **Detectomat Device** object in the **Map** interactive window.



### 4.3 Controlling the Detectomat output relay

Controlling *the Detectomat* output relay is carried out in **Map** interactive window using feature menu of **Detectomat Output** object.



Control the Detectomat output relay: