



ACFA User guide

Table of Contents

1	ACFA installation guide. Introduction.....	4
2	Hardware requirements.....	5
3	General description of ACFA.....	6
3.1	Structure of ACFA	6
3.2	Function of subsystems and integration modules of the ACFA ACS, FSA, and PID hardware	6
4	Installing, uninstalling and updating ACFA.....	7
4.1	Description of the distribution package	7
4.2	Installing ACFA.....	7
4.3	Updating ACFA.....	7
4.4	Uninstalling ACFA	8

1 ACFA installation guide. Introduction

ACFA installation guide is a reference manual and is intended for *ACFA* installation and configuration specialists.

This guide contains the following information:

1. General description of *ACFA*.
2. Installation of *ACFA*.
3. Updating *ACFA*.
4. Uninstalling *ACFA*.

For detailed information on configuring and working with a particular *ACFA* integration module, refer to the corresponding document for that integration module.

2 Hardware requirements

Hardware requirements for *ACFA* are the same as for *Axxon One* (see [Hardware requirements](#)¹).

¹ <https://docs.axxonsoft.com/confluence/display/one20en/Hardware+requirements>

3 General description of ACFA

3.1 Structure of ACFA

ACFA consists of the following subsystems:

1. Access Control System (ACS).
2. Fire and Security Alarm (FSA).
3. Perimeter Intrusion Detection System (PID).
4. Application software (Service integration modules).

Each subsystem includes modules for integration of the corresponding hardware. The application software includes interface modules that facilitate work with the integration modules.

3.2 Function of subsystems and integration modules of the ACFA ACS, FSA, and PID hardware

Each ACS/FSA/PID subsystem consists of a software and a hardware part. The role of the hardware part is performed by the third-party ACS/FSA/PID system integrated into ACFA. The software part of the ACS/FSA/PID subsystem consists of integration modules that provide configuration of interaction between ACFA and a hardware part.

Integration modules of the ACS/FSA/PID hardware perform the following functions:

1. Configuring interaction between ACFA and the ACS/FSA/PID hardware.
2. Processing information from security panels, alarm sensors, sensors, and other notification devices (if the functions of FSA are integrated).
3. Processing information from readers, electromechanical locks, and other access control devices (if the functions of ACS are integrated).
4. Processing information from perimeter intrusion sensors and sensors installed at the entrance to the perimeter-protected facility (if the functions of PID are integrated).
5. Controlling alarm and fire extinguishing actuators (if the functions of FSA are integrated).
6. Controlling actuators—security lighting, access control devices, for example, turnstile, auto barrier (if the functions of PID are integrated).
7. Controlling access actuators—gate locking and unlocking devices (if the functions of ACS are integrated).
8. Reading hardware configuration parameters and sending configuration parameters to the hardware (may not be supported in the integration module. In case of ACS, the configuration includes users, access levels and time schedules).

4 Installing, uninstalling and updating ACFA

4.1 Description of the distribution package

ACFA is supplied as a software installation package (distribution package). You can download the current version of the distribution package from the official [AxxonSoft²](#) website.

The distribution package contains all the necessary software components to install ACFA on a base computer.

The distribution package allows you to install, change, restore, and uninstall ACFA.



Attention!

- Before you install, change, restore, or uninstall ACFA, you must shut down *Axxon One*.
- You must have administrator privileges to install, change, restore, or uninstall ACFA.

4.2 Installing ACFA

ACFA is installed as an extension to *Axxon One*.

To install ACFA, do the following:

1. Download the distribution package from the official [website³](#).
2. Shut down the Server (see [Stopping the server⁴](#)).
3. Run the executable file and wait for the installation to complete.
4. Start the Server (see [Starting the server⁵](#)).

The installation of ACFA is complete.

After you install ACFA, some modules may require additional actions or installation of additional software. You can find the description of installation features for such modules in the subsections below.

4.3 Updating ACFA

You can update ACFA in the same way as regular installation (see [Installing ACFA \(see page 7\)](#)).

² <https://www.axxonsoft.com/support/downloads>

³ <https://www.axxonsoft.com/support/downloads>

⁴ <https://docs.axxonsoft.com/confluence/display/one20en/Stopping+the+server>

⁵ <https://docs.axxonsoft.com/confluence/display/one20en/Starting+the+server>

**Attention!**

If you update *ACFA* to a version that has an integration module that is no longer supported, in place of *ACFA* version in which the module is still available, the unsupported integration module will be removed without the possibility of further use. Only the log files and tables in the database will remain from the removed integration module.

4.4 Uninstalling ACFA

To uninstall *ACFA*, do the following:

1. Go to **Start** → **Control Panel** → **Programs and Features**.
2. In the list of installed programs, find *Acfa.DriverPack* and right-click it.
3. In the drop-down list, click **Uninstall**.

ACFA is uninstalled.