



Guide for configuring and working with the Unipos7000 controller integration module

ACFA PSIM 1.5

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Table of Contents

1	Introduction into the Guide for configuring and working with the Unipos7000 controller integration module.....	3
1.1	Purpose of the document.....	3
1.2	General information about the Unipos7000 controller integration module	3
2	Supported hardware and licensing of the Unipos7000 controller integration module.....	4
3	Configuring the Unipos7000 controller integration module	5
3.1	Configuring the parent object of the Unipos7000 controller integration module	5
4	Working with the Unipos7000 controller integration module.....	7
4.1	General information about working with the Unipos7000 controller integration module.....	7
4.2	Example of configuring a macro when working with the Unipos7000 controller integration module.....	7
4.3	Managing the parent object of the Unipos7000 controller integration module.....	8
4.4	Managing the panel of the Unipos7000 controller integration module.....	8
4.5	Managing the LED board of the Unipos7000 controller integration module.....	10
4.6	Managing the dzone of the Unipos7000 controller integration module.....	11
4.7	Managing the controller area network of the Unipos7000 controller integration module....	11
4.8	Managing the loop of the Unipos7000 controller integration module.....	12
4.9	Managing the loop device of the Unipos7000 controller integration module.....	13
4.10	Managing the browser user interface module of the Unipos7000 controller integration module.....	16
4.11	Managing the module of the Unipos7000 controller integration module	16
4.12	Managing the bio device of the Unipos7000 controller integration module	18
4.13	Managing the power supply unit (PSU) of the Unipos7000 controller integration module...	20
4.14	Managing the pzone of the Unipos7000 controller integration module.....	22
4.15	Managing the printer of the Unipos7000 controller integration module.....	22
4.16	Managing the azone of the Unipos7000 controller integration module	24

1 Introduction into the Guide for configuring and working with the Unipos7000 controller integration module

On the page:

- [Purpose of the document](#)
- [General information about the Unipos7000 controller integration module](#)

1.1 Purpose of the document

The *Guide for configuring and working with the Unipos7000 controller integration module* is a reference and information manual and is intended for configuration specialists and operators of the *Unipos7000 controller* module. This module is a part of the Fire and Security Alarm (FSA) subsystem, implemented on the basis of *ACFA PSIM*.

The Guide has the following information:

1. General information about the *Unipos7000 controller* integration module.
2. Configuring the *Unipos7000 controller* integration module.
3. Working with the *Unipos7000 controller* integration module.

1.2 General information about the Unipos7000 controller integration module

The *Unipos7000 controller* integration module is a part of the FSA implemented on the basis of *ACFA PSIM* and is used to perform the following functions:

1. Configuration of the *Unipos7000 controller* FSA (manufactured by UniPOS, Inc.).
2. Providing interaction of the *Unipos7000 controller* FSA with *ACFA PSIM* (monitoring, control).

Note

For detailed information about the *Unipos7000 controller* FSA, refer to the [official reference documentation](#) for this system.

Before configuring the *Unipos7000 controller* integration module, do the following:

1. Install the *Unipos7000 controller* FSA hardware on the protected facility.
2. Initialize addressable devices included in the fire alarm loops of the *Unipos7000 controller* FSA (see the [official reference documentation](#) for the *Unipos7000 controller* FSA system).

2 Supported hardware and licensing of the Unipos7000 controller integration module

Information on manufacturer	UniPOS Inc Sofia, Bulgaria, Mladost 1, 1 Efr. Nikola Paskalev Str., next to block 56 Phone: + 359 2 97 444 69 Website: www.unipos-bg.com Email: office_sofia@unipos-bg.net
Type of integration	Low-level protocol
Hardware connection interface	RS-232

Supported hardware

All interactive fire control panels of the 7000 series are integrated.

Module protection

Per one sensor.

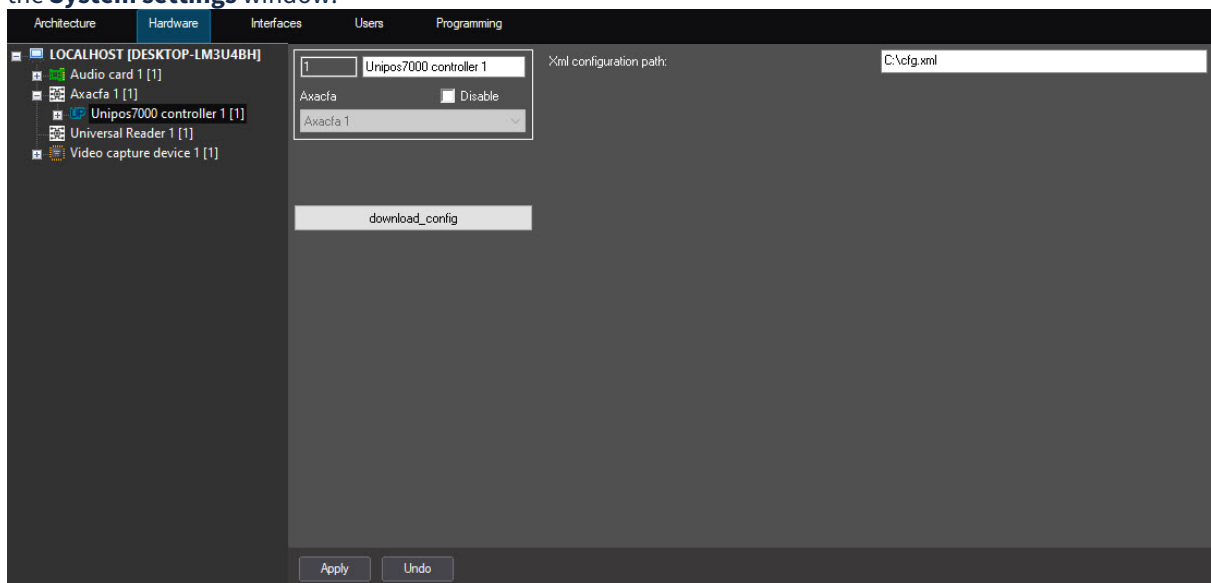
3 Configuring the Unipos7000 controller integration module

3.1 Configuring the parent object of the Unipos7000 controller integration module

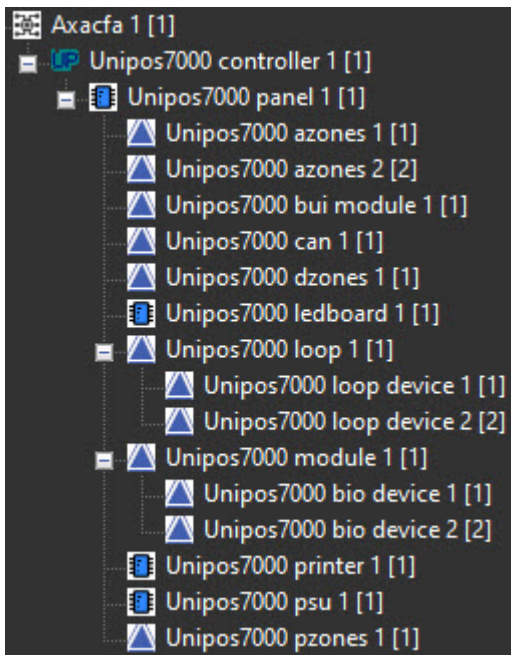
To work with the *Unipos7000 controller* integration module, you must install and configure the *AxACFA* feature. For more details, see [Connecting and configuring the AxACFA feature](#).

To configure the parent object of the *Unipos7000 controller* integration module, do the following:

1. Create the **Unipos7000 controller** parent object on the basis of the **Axacfa** object on the **Hardware** tab of the **System settings** window.



2. In the **Xml configuration path** field, specify the path to the configuration file.
3. Click the **Apply** button to save the changes.
4. Click the **download_config** button to download configuration and build the hardware tree. As a result, a hardware tree is built:



Configuration of the parent object of the *Unipos7000 controller* integration module is complete.

4 Working with the Unipos7000 controller integration module

4.1 General information about working with the Unipos7000 controller integration module

To work with the *Unipos7000 controller* integration module, use macros and the following interface objects:

1. **Map.**
2. **Event Viewer.**

For the information on configuring these interface objects, see the *Axxon PSIM Administrator's Guide*.

For the information on working with these interface objects, see the *Axxon PSIM Operator's Guide*.

4.2 Example of configuring a macro when working with the Unipos7000 controller integration module

- ✓ [Creating and using macros](#)
[Examples of macros](#)

When working with the *Unipos7000 controller* integration module, you can configure a macro that triggers when an event is received from *Unipos7000 controller*.

Example of a configured macro:

Macro 2

Response sending delay (s):

Fast call: None

Icon type: Macro 2

Settings

State: Standard

Local: Hidden:

Type	Number	Name	Event
Unipos7000 panel	1	Unipos7000 panel 1	Error

Name	Value
------	-------

Type	Number	Name	Action
Unipos7000 module	1	Unipos7000 module..	Clear module fault

Name	Value
------	-------

Apply Undo

4.3 Managing the parent object of the Unipos7000 controller integration module

You cannot manage the parent object of the *Unipos7000 controller* integration module in the **Map** window.

The following state of the parent object of the *Unipos7000 controller* integration module is possible:

	OK
---	----









4.4 Managing the panel of the Unipos7000 controller integration module







You can manage the panel of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the panel of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Reset panel fire	Resets panel alarm
Clear panel fault	Clears panel malfunction
Skip alarm outputs azones delay	Skips delay in alarm zones
Increase alarm outputs azones delay by one minute	Increases delay in alarm zones by one minute
Suppress active alarm outputs azones	Disables the active alarm zones of the panel
Suppress bui buzzers	Disables the panel buzzers

The following states of the panel of the *Unipos7000 controller* integration module are possible:






	Active fires dzones
	Fault
	Disablements inhibits
	Active alarm outputs azones
	Delayed alarm outputs azones
	Suppressed alarm outputs azones
	Mode evacuation
	Active delayed pzones

	Active buis buzzer
	Night mode
	Disconnected
	Connected
	Arm
	Disarm

4.5 Managing the LED board of the Unipos7000 controller integration module

You cannot manage the LED board of the *Unipos7000 controller* integration module in the **Map** window.

The following states of the LED board of the *Unipos7000 controller* integration module are possible:

	Ledboard fault is disabled
	Ledboard has fault
	Comm error no connection
	Arm
	Disarm

4.6 Managing the dzone of the Unipos7000 controller integration module

You can manage the dzone of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the dzone of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable dzone	Disables dzone
Inhibit dzone	Locks dzone
Enable dzone	Enables dzone

The following states of the dzone of the *Unipos7000 controller* integration module are possible:

	Dzone is disabled
	Dzone is inhibited
	Dzone reports fire
	Dzone reports prefire warning
	Arm
	Disarm





4.7 Managing the controller area network of the Unipos7000 controller integration module

You can manage the controller area network of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the controller area network of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable net fault	Resets malfunction of controller area network
Clear net fault	Clears malfunction of controller area network

The following states of the controller area network of the *Unipos7000 controller* integration module are possible:

	Can fault is disabled
	Can network has fault
	Arm
	Disarm




4.8 Managing the loop of the Unipos7000 controller integration module













You can manage the loop of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the loop of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable loop fault	Resets loop malfunction
Clear loop fault	Clears loop malfunction

The following states of the loop of the *Unipos7000 controller* integration module are possible:

	Loop fault is disabled
	Loop has fault
	Transient loop short

	A side short fault
	B side short fault
	Persistent short loop off
	Ground to minus short loop off
	Plus to 28v short loop off
	Open plus wire
	Open minus wire
	Line parameters degrade warning
	Unknown device on loop
	Comm error no connection
	Arm
	Disarm










4.9 Managing the loop device of the Unipos7000 controller integration module














You can manage the loop device of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the loop device of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable device	Disables loop device
Inhibit device	Locks loop device
Clear device fault	Clears loop device malfunction
Confirm device input	Confirms change of the input indication on loop device

The following states of the loop device of the *Unipos7000 controller* integration module are possible:

	Device is disabled
	Device is inhibited
	Device has fault
	Device has fire indication
	Device output is active
	Device input is active
	Measure error
	Device isolation on
	Output short

	Output open dirty chamber
	Input short fault indicator
	Input open pre alarm
	Comm error no connection
	Heat detector
	Smoke detector
	Manual call point
	Combined detector
	Gas detector
	Input output device
	Sounder device
	Arm
	Disarm






4.10 Managing the browser user interface module of the Unipos7000 controller integration module

You can manage the browser user interface module of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the browser user interface module of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable bui fault	Resets malfunction of the browser user interface module
Clear bui fault	Clears malfunction of the browser user interface module

The following states of the browser user interface module of the *Unipos7000 controller* integration module are possible:

	Bui fault is disabled
	Bui has fault
	Comm error no connection to bui
	Arm
	Disarm

4.11 Managing the module of the Unipos7000 controller integration module












You can manage the module of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the module of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable module fault	Resets module malfunction

Menu command	Function
Clear module fault	Clears module malfunction

The following states of the module of the *Unipos7000 controller* integration module are possible:

	Module fault is disabled
	Module has fault
	No connection to module
	Watchdog reset
	Software reset
	General fault module restarted
	Module flash corrupted
	Fault 24v comparator
	Fault 33v comparator
	Arm
	Disarm









4.12 Managing the bio device of the Unipos7000 controller integration module















You can manage the bio device of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.







Commands to manage the bio device of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable biodev	Disables bio device
Inhibit biodev	Locks bio device
Clear biodev fault	Clears bio device malfunction
Confirm biodev input changed indication	Confirms change of the input indication on bio device

The following states of the bio device of the *Unipos7000 controller* integration module are possible:

	Biodev is disabled
	Biodev is inhibited
	Biodev has fault
	Biodev has fire indication
	Biodev output is active
	Biodev input is active
	Biodev output fbre fwre is confirmed
	Biodev is input device

	Fbre fwre confirm timeout
	Creeping short
	Creeping open
	Fire indication
	Fbre confirm
	Fwre confirm
	Fpe fault
	Fpe activation
	External fault
	General input
	Fad
	Fpe
	Fbre
	Fwre

	General output
	Fault short
	Fault open
	Output overload
	Arm
	Disarm




4.13 Managing the power supply unit (PSU) of the Unipos7000 controller integration module














You can manage the power supply unit of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the power supply unit of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable psu fault	Resets power supply unit malfunction
Clear psu fault	Clears power supply unit malfunction

The following states of the power supply unit of the *Unipos7000 controller* integration module are possible:

	Psu fault is disabled
	Psu has fault
	Mains power fall

	Fail 28v power
	Fail 24v power
	User power fail
	Battery low
	Battery failure
	Battery removed
	Battery overheat
	Earth failure
	Mcu firmware crc failure
	Mcu has restarted
	No connection to psu
	Arm
	Disarm







4.14 Managing the pzone of the Unipos7000 controller integration module

You can manage the pzone of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the pzone of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable pzone	Disables pzone
Inhibit pzone	Locks pzone
Enable pzone	Enables pzone

The following states of the pzone of the *Unipos7000 controller* integration module are possible:

	Pzone is disabled
	Pzone is inhibited
	Pzone is active
	Pzone is delayed
	Arm
	Disarm












4.15 Managing the printer of the Unipos7000 controller integration module


You can manage the printer of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the printer of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable printer fault	Resets printer malfunction
Clear printer fault	Clears printer malfunction

The following states of the printer of the *Unipos7000 controller* integration module are possible:

	Printer is disconnected
	End of paper
	Cutter error paper stuck
	Printer offline paused
	Temperature low or high
	Power low or high
	Headup thick paper
	Hole mark detection error
	Printer fault is disabled
	Printer has fault
	Arm

	Disarm
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4.16 Managing the azone of the Unipos7000 controller integration module


You can manage the azone of the *Unipos7000 controller* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the azone of the *Unipos7000 controller* integration module are described in the table:

Menu command	Function
Disable azone	Disables azone
Inhibit azone	Locks azone
Enable azone	Enables azone

The following states of the azone of the *Unipos7000 controller* integration module are possible:

	Azone is disabled
	Azone is inhibited
	Azone is active
	Azone is delayed
	Azone is suppressed
	Azone is active in warning mode
	Arm

	Disarm
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