



# HoneyWell WinPak Integration Module Setup and User Guide

ACFA PSIM 1.1

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## Table of Contents

|          |  |           |
|----------|--|-----------|
| <b>1</b> | <b>List of Terms Used in HoneyWell WinPak Module Settings Guide .....</b>                | <b>3</b>  |
| <b>2</b> | <b>Introduction into HoneyWell WinPak Integration Module Setup and User Guide.....</b>   | <b>4</b>  |
| 2.1      | Purpose of the Document.....   | 4         |
| 2.2      | General information on the HoneyWell WinPak integration module.....                      | 4         |
| <b>3</b> | <b>Supported hardware and licensing of the HoneyWell WinPak Integration Module .....</b> | <b>5</b>  |
| <b>4</b> | <b>Configuring the HoneyWell WinPak Integration Module .....</b>                         | <b>8</b>  |
| 4.1      | Procedure for configuring the HoneyWell WinPak Integration Module .....                  | 8         |
| 4.2      | Configuring the connection to the Honeywell WinPak software.....                         | 8         |
| 4.3      | Synchronization and automatic creation of the device tree .....                          | 9         |
| 4.4      | Reading access levels from HoneyWell WinPak to ACFA PSIM .....                           | 10        |
| 4.5      | Writing users from ACFA PSIM to HoneyWell WinPak.....                                    | 11        |
| 4.6      | Configuring the connected HoneyWell WinPak devices .....                                 | 12        |
| <b>5</b> | <b>Working with the HoneyWell WinPak Integration Module.....</b>                         | <b>13</b> |
| 5.1      | General information on working with Honeywell Win-Pak module.....                        | 13        |
| 5.2      | Managing a HoneyWell WinPak entrance .....   | 13        |

# 1 List of Terms Used in HoneyWell WinPak Module Settings Guide

*Access*: the act of entering and exiting rooms, buildings, zones, and areas by people, vehicles, and other objects.

*Server*: 1) a computer that has the **Server** installation version of the *Axxon PSIM* software package installed; 2) a computer that has the *HoneyWell WinPak* software package installed.

*Access Control System (ACS)*: a hardware and software suite for access control.

*Fire and Security Alarm (FSA)*: a hardware and software suite for fast fire detection and for the fast detection of unauthorized access to secure facilities.

*Entrance*: a point where access control is performed. An entrance in this writing implies a door equipped with access control facilities.

*Energizing/De-energizing*: turning on/off the energy supply for an entrance, manually or using a computer.

*Shunting/Unshunting*: enabling or disabling a delay during which the entrance may stay open after access was performed.

*Card*: an access card used to authorize for access using a card reader.

*PIN*: an additional user ID number that is entered with the keypad.

*Site Code*: site codes ensure that the card belongs to the facility where the card is used for gaining access. The site code is encoded with a card number on cards.

*Time Zone*: a period of time during which the access card is considered valid.

*Pulse*: a continual series of messages sent to the server by a device to show that the device is alive.

*Timed pulse*: a continual series of messages sent to the server by a device to show that the device is alive in custom time intervals.

## 2 Introduction into HoneyWell WinPak Integration Module Setup and User Guide

### On the page:

- Purpose of the Document
- General information on the HoneyWell WinPak integration module

### 2.1 Purpose of the Document

The *HoneyWell WinPak Integration Module Setup and User Guide* is a reference guide for administrators and operators of the *HoneyWell WinPak* module. This module is part of *FSA* and *ACS* systems implemented based on the *ACFA PSIM* software package.

This Guide contains:

1. general information on the *HoneyWell WinPak* integration module;
2. guidance on the *HoneyWell WinPak* integration module configuration;
3. guidance on the *HoneyWell WinPak* integration module operation.

### 2.2 General information on the HoneyWell WinPak integration module

The *HoneyWell WinPak* integration module is part of *FSA* and *ACS* systems based on *ACFA PSIM* software package. The module is used for establish interacting between *HoneyWell WinPak* software package and the *ACFA PSIM* software package (synchronization, monitoring, partial control).

#### **Note.**

Detailed information on *HoneyWell WinPak* can be found in the vendor documentation.

Before configuring the *HoneyWell WinPak* ntegration module, do the following:

1. Install the *HoneyWell* hardware at the secured facility (refer to the *HoneyWell* reference documentation).
2. Install the *HoneyWell WinPak* software package and establish its connection with the hardware (see *HoneyWell WinPak* reference documentation).

### 3 Supported hardware and licensing of the HoneyWell WinPak Integration Module

|                             |  |
|-----------------------------|--|
| <b>Manufacturer</b>         | Honeywell Systems Group<br>Video and Access Control Solutions<br>Aston Fields Road<br>Whitehouse Industrial Estate<br>Runcorn<br>Cheshire<br>WA7 3DL<br>United Kingdom<br>Tel: +44 (0)8448 000 235<br>Fax: + 44 (0)01928 754050<br>Email: <a href="mailto:sales.video.uk@honeywell.com">sales.video.uk@honeywell.com</a><br><a href="http://www.security.honeywell.com">www.security.honeywell.com</a> |
| <b>Integration type</b>     | Software integration   |
| <b>Equipment connection</b> | RS-232, RS485, Ethernet  |

#### Supported equipment

| Equipment         | Function              | Features  |
|-------------------|-----------------------|---|
| Honeywell Pro3200 | Access control module | <ul style="list-style-type: none"> <li>▪ up to 9 modules, power-supply and battery can be accommodated by the PRO22ENC1, PRO22ENC2 and PRO22ENC5 (no battery) enclosures</li> <li>▪ user programmable relay outputs allow for specific control needs</li> <li>▪ user programmable alarm inputs offer flexible system configuration and control</li> <li>▪ RS485 communication to all modules</li> <li>▪ Analog to digital converter technology provides digital filtering and input conditioning</li> <li>▪ dedicated cabinet tamper and power monitor inputs</li> <li>▪ supports the choice of normally open, normally closed, supervised, and nonsupervised circuits</li> <li>▪ supports a wide range of reader technologies including Wiegand, magnetic stripe, proximity, and keypad</li> <li>▪ system off-line modes customizable per reader include facility code access, locked (no access), and unlocked (full access)</li> <li>▪ supports multiple reader and card formats for maximum flexibility and security options</li> <li>▪ operating modes include locked, unlocked, facility code, card only, card and PIN, card or PIN and PIN only</li> <li>▪ communication to the host is via either 10/100 Ethernet or RS-232 (both are standard)</li> <li>▪ alarm circuit type - normally open, normally closed, non-supervised, supervised (with correct EOL). Meets requirements for UL294 and CUL</li> <li>▪ any combination of 16 I/O or readers modules may be connected to the PRO32IC RS485 ports. 4,000 ft (1,250 m) total bus length per port</li> <li>▪ over 50 000 cards</li> <li>▪ over 50 000 transactions</li> </ul> |

### Licensing

For one reader and input. There are three price-list positions for the integration module:

1. Axxon PSIM Access Control Service (WIN-PAK Main Object), per system – to be included on a **mandatory** basis, as it allows creating the WIN-PAK Main Object in *ACFA PSIM* tree.
2. Axxon PSIM Access Control Service (WIN-PAK Card Reader), per reader – is included if readers are in use, the number of positions in the order shall be equal to the number of **entrances**.

3. Axxon PSIM Access Control Service (WIN-PAK Input), per package – is included if alarm inputs are in use; the position allows the use of 16 inputs in *ACFA PSIM*, e.g. add 2 positions for 24 inputs.

## 4 Configuring the HoneyWell WinPak Integration Module

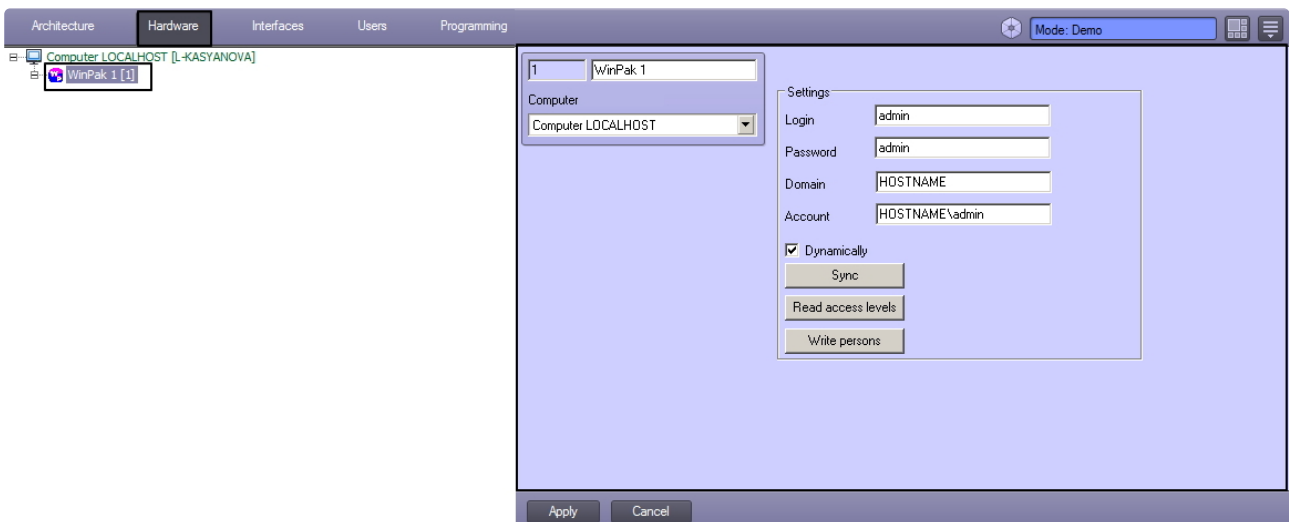
### 4.1 Procedure for configuring the HoneyWell WinPak Integration Module

The *Honeywell WinPak* integration module in *ACFA PSIM* configuration procedure includes the following steps in the order they are given:

1. Configuring the connection to the *Honeywell WinPak* software.
2. Synchronization and automatic creation of the device tree.
3. Reading access levels from *HoneyWell WinPak* to *ACFA Axxon PSIM*.
4. Writing users from *Axxon PSIM* to *HoneyWell WinPak*.
5. Configuring the connected *HoneyWell WinPak* devices.

### 4.2 Configuring the connection to the Honeywell WinPak software

The connection between the *Honeywell WinPak* software and *ACFA PSIM* is configured on the settings panel of a **WinPak** object, which is created under a parent **Computer** object on the **Hardware** tab of the **System settings** dialog.



To establish the connection between *Honeywell WinPak* software and *ACFA PSIM*, do the following:

1. Go to the settings panel of the **WinPak** object.

The screenshot shows the settings panel for a WinPak object. On the left, there is a 'Computer' dropdown menu currently set to 'LOCALHOST'. To the right is a 'Settings' panel with four text input fields: 'Login' (containing 'admin'), 'Password' (containing 'admin'), 'Domain' (containing 'HOSTNAME'), and 'Account' (containing 'HOSTNAME\admin'). Below these fields is a checked checkbox labeled 'Dynamically', followed by three buttons: 'Sync', 'Read access levels', and 'Write persons'. At the bottom of the panel are 'Apply' and 'Cancel' buttons. Numbered callouts 1 through 5 are placed to the right of the Login, Password, Domain, Account, and Apply buttons respectively.

2. In the **Login** field, type a username for accessing the computer that hosts the installation of the manufacturer's *Honeywell WinPak* software (1).
3. In the **Password** field, type a password for accessing the computer that hosts the installation of the manufacturer's *Honeywell WinPak* software (2).
4. In the **Domain** field, type the network address or network name of the computer that hosts the installation of the manufacturer's *Honeywell WinPak* software (3).
5. In the **Account** field, type the name of a user who has an account in the manufacturer's *Honeywell WinPak* software and rights to edit the object tree (4).
6. Click **Apply** to save the changes (5).

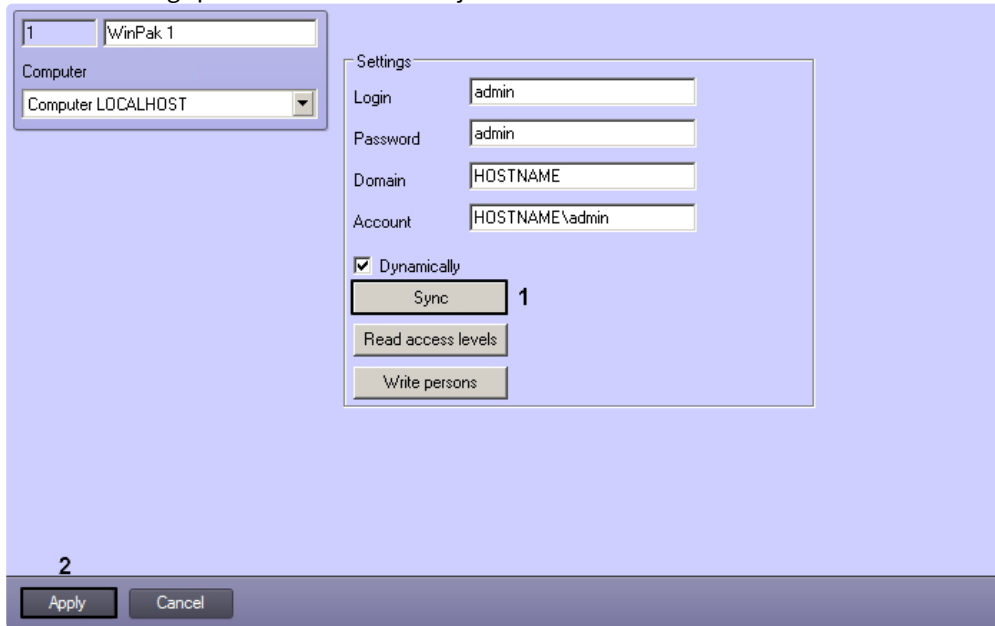
The connection between the *Honeywell WinPak* software and *ACFA PSIM* is configured.

### 4.3 Synchronization and automatic creation of the device tree

Every time a new user connects to *HoneyWell WinPak* software from *ACFA PSIM*, the systems have to synchronize with each other and automatically build the device tree available to this user.

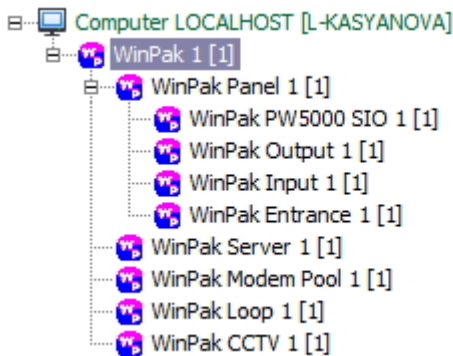
To synchronize and automatically build the device tree, do the following:

1. Go to the settings panel of the **WinPak** object.



2. Click **Sync** button to synchronize the list of objects between two systems (2).
3. Click **Apply** (2).

As a result, a tree of available devices will be automatically built on the basis of the **WinPak** object.

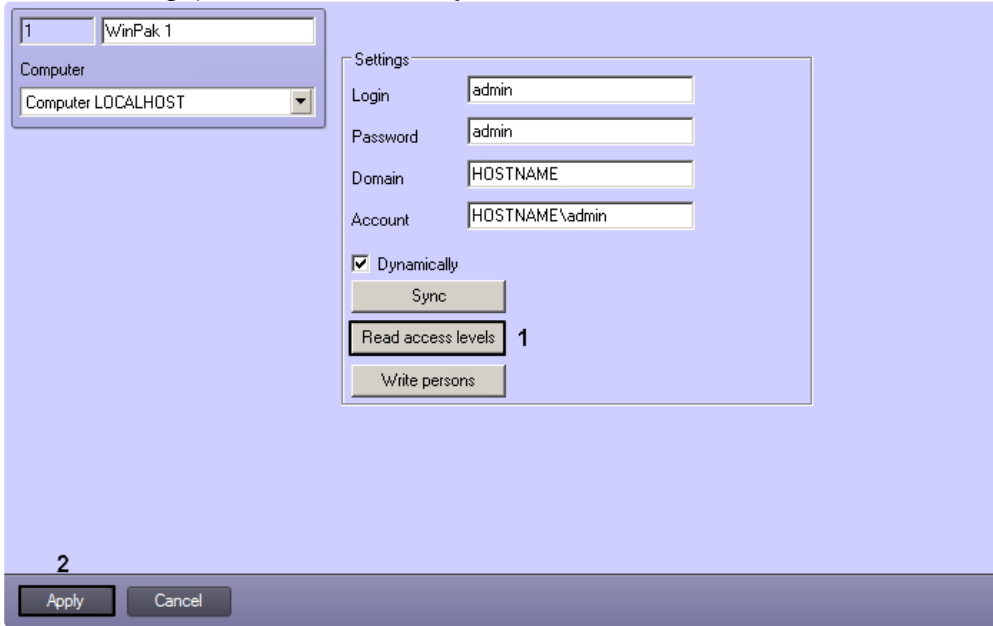


Synchronization and automatic creation of the device tree is completed.

## 4.4 Reading access levels from HoneyWell WinPak to ACFA PSIM

In order to read access levels from *HoneyWell WinPak* software to *ACFA PSIM*, do the following:

1. Go to the settings panel of the **WinPak** object.



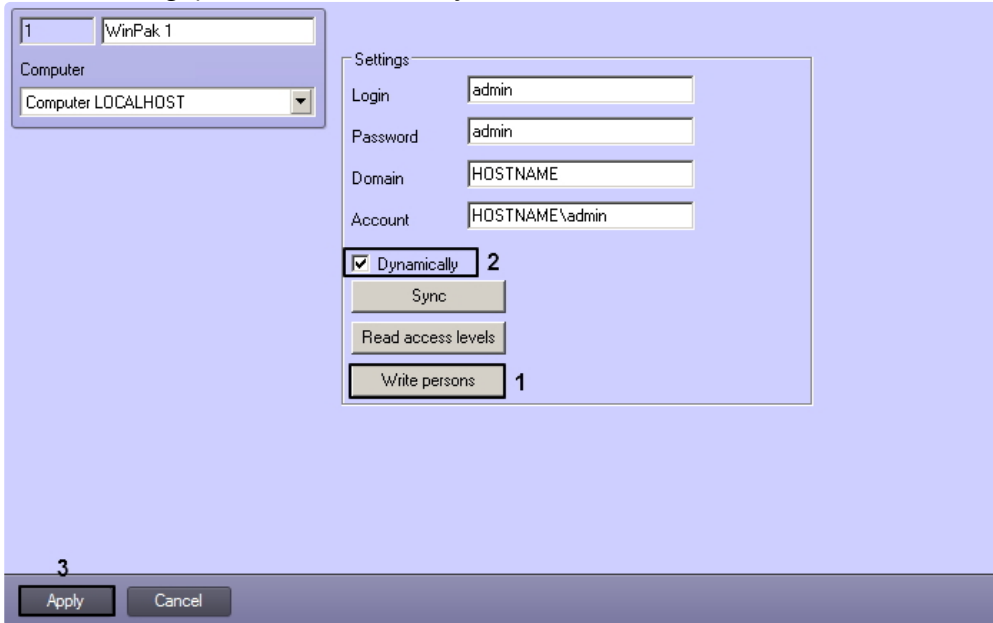
2. Click Read access levels to download a list of access levels from HoneyWell WinPak software (1).
3. Click **Apply** (2).

Reading access levels from *HoneyWell WinPak* software to *ACFA PSIM* is completed.

## 4.5 Writing users from ACFA PSIM to HoneyWell WinPak

In order to write users from *ACFA PSIM* to *HoneyWell WinPak* software, do the following:

1. Go to the settings panel of the **WinPak** object.



2. Click Write persons button to write the users from *ACFA PSIM* to *HoneyWell WinPak* software (1).
3. If it is required for the users to be written to *HoneyWell WinPak* software as soon as they appear, check the Dynamically box (2).

4. Click **Apply** (3).

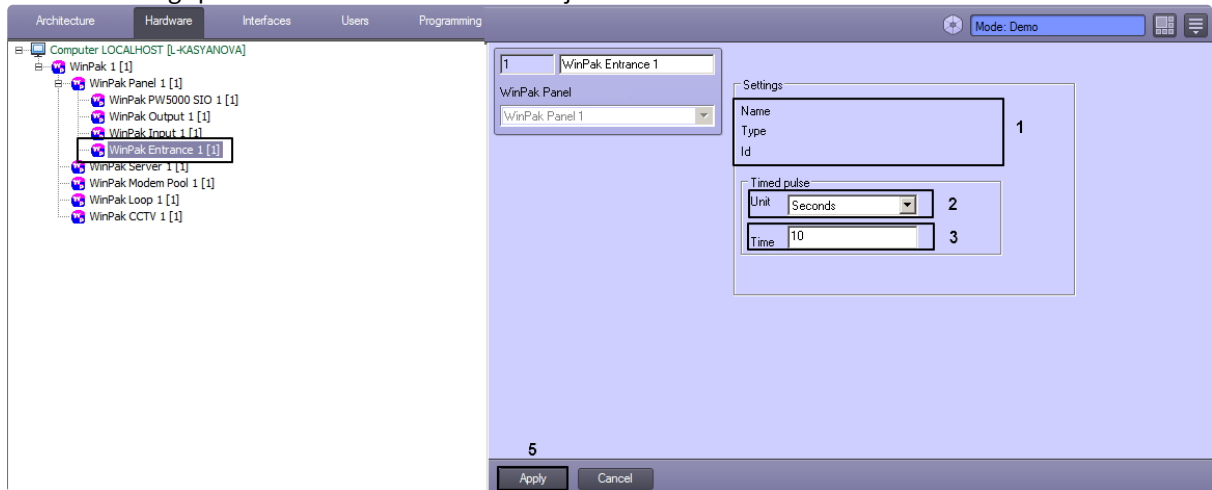
Writing users from ACFA PSIM to HoneyWell WinPak software is completed.

## 4.6 Configuring the connected HoneyWell WinPak devices

ACFA PSIM does not allow *HoneyWell WinPak* device configuration, except for **WinPak Entrance**. For all other devices, the module simply displays the basic read-only information on the settings panel.

To configure a Honeywell **WinPak** entrance, do the following:

1. Go to the settings panel of the **WinPak** Entrance object.



2. For an authorized user, the **Settings** section will display the **Name**, **Type**, and **ID** of the connected device (1). This section is read-only and similar for all connected devices.
3. In the **Timed pulse** section configure the functions of sending continual pulses from the device to the computer to verify that the connection to the device is alive. This function can be enabled from the **Map** (see [Managing a HoneyWell WinPak entrance](#) section).
  - a. In the **Unit** field, select the time unit (seconds, minutes, hours) (2).
  - b. In the **Time** field, enter the time period in selected units for pulses sending (3).
4. Click **Apply** to save the changes (4).

Configuration of the Honeywell **WinPak** entrance is completed.

## 5 Working with the HoneyWell WinPak Integration Module

### 5.1 General information on working with Honeywell Win-Pak module

The following interface objects are used to operate the **Honeywell Win-Pak** integration module:

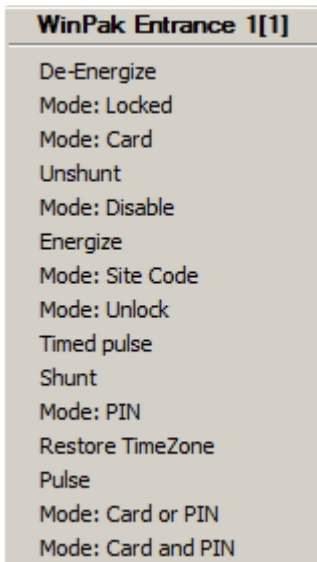
1. **Map.**
2. **Event Log.**

For detailed description of configuring these interface objects, please refer to the [Axxon PSIM Administrator's Guide](#).

For detailed description of using these interface objects, please refer to the [Axxon PSIM Operator's Guide](#).

### 5.2 Managing a HoneyWell WinPak entrance

In order to manage a HoneyWell WinPak entrance, go to the **Map** window and open the functional menu of the relevant **WinPak Entrance** object.



The commands of the functional menu are described in the table.

| Command      | Description   |
|--------------|---|
| De-Energize  | Turns off the energy supply for the entrance input.   |
| Mode: Locked | Turns on the mode when the door is completely locked.   |
| Mode: Card   | Turns on the mode when the card is sufficient for door access.                                  |
| Unshunt      | Disable a delay before an alarm is raised if the door is not closed after it has been unlocked. |

| Command            | Description   |
|--------------------|---|
| Mode: Disable      | Completely disables the door and its controls.  |
| Energize           | Turns on the energy supply for the entrance input.  |
| Mode: Site Code    | Turns on the mode when both card and site code entry are required for door access.  |
| Mode: Unlock       | Turns on the mode when the door is completely unlocked.   |
| Timed pulse        | Enable sending pulses in time periods to the server to notify that the door is alive. The time periods are configured in <i>ACFA PSIM</i> .         |
| Shunt              | Enable a delay before an alarm is raised if the door is not closed after it has been unlocked.  |
| Mode: PIN          | Turn on the mode when the PIN number is sufficient for door access.   |
| Restore TimeZone   | Reset the time period during which the door accepts the card.   |
| Pulse              | Enable sending pulses in time periods to the server to notify that the door is alive. The time periods are configured in <i>HoneyWell WinPack</i> . |
| Mode: Card or PIN  | Turns on the mode when both card access and PIN are required for door access.   |
| Mode: Card and PIN | Turns on the mode when either card or PIN is sufficient for door access.  |