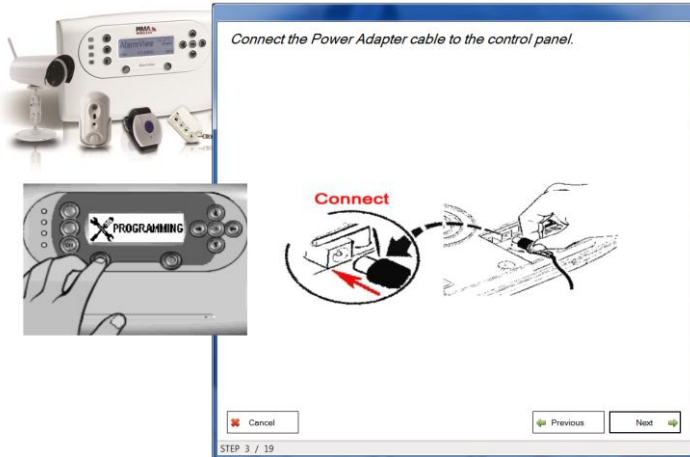# Firmware Upgrade Tool

For Pima Wireless Alarm Systems

Installation and Use Guide

PIMA WIRELESS

The *Firmware Upgrade Tool* is easy and quick to use PC software for firmware upgrading of PIMA Wireless' AlarmView & Guardian Intruder Alarm Systems, and the AVR visual add-on.

Hardware requirements

- "A male to B male" USB cable (not supplied)

Software requirements

- Firmware Upgrade Tool installation file
- Firmware file (AVP)

Operating system

- The following Windows© operating systems are supported: 7 (32/64 bit), Server 2008 (32/64 bit).

Installation

To install the Firmware Upgrade Tool, follow the next steps:

1. Open the installation file, "PIMA Firmware Upgrade Tool Setup X.X.X.X.exe"
2. If a Windows security window pops up, click **Yes**
3. Click **Next** in the installation wizard's first screen and follow the installation process to install the upgrade tool

Running the tool

⚠️ ***Do not connect the USB cable before instructed so by the installation wizard***

To run the firmware upgrade tool, do the following:

1. Double-click the shortcut icon on your desktop, or the file "Firmware Upgrade Tool.exe", located in the folder "PIMA" on your PC (under c:\ by default)
2. Click one of the options listed next, and follow the instructions

Options

The Firmware Upgrade Tool has 3 optional functions, described below:

- Import new version
- Firmware upgrade
- System recovery

How to import a new firmware

Obtain the firmware file (AVP) from PIMA support team[1] and save it on the PC. Make sure it is compatible with the version of the alarm system you need to upgrade.

To import the AVP file, follow the next steps:

1. In the tool's window, click **Import New Version**
2. In the window that opens up, browse to the AVP file location and select it
3. Click **Open**. The file will be copied to the folder of the firmware upgrade tool
4. When the message "Version imported successfully" is displayed, click **OK**

How to upgrade the firmware

Click **Firmware Upgrade** and follow the illustrated steps in the upgrade wizard. Do not attempt to reverse the order of the steps, or the process will fail.

How to do a system recovery

System recovery is used rarely when the alarm system's software becomes faulty, and a "Missing file" or other such error is displayed. The recovery process is very much like upgrading the firmware, and so an AVP firmware file is required here too.

To recover an alarm system's corrupted file, press **System Recovery** and follow the wizard.

Note that the control panel is reset during this process, and you will have to program the alarm system all over again.

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[1] See details on the last page of this guide

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Ver: XX en, A1 (Apr 2015)

Tool version: 02.xx