

**IRIS-4**  
Firmware 4.2.1

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## 1 OVERVIEW

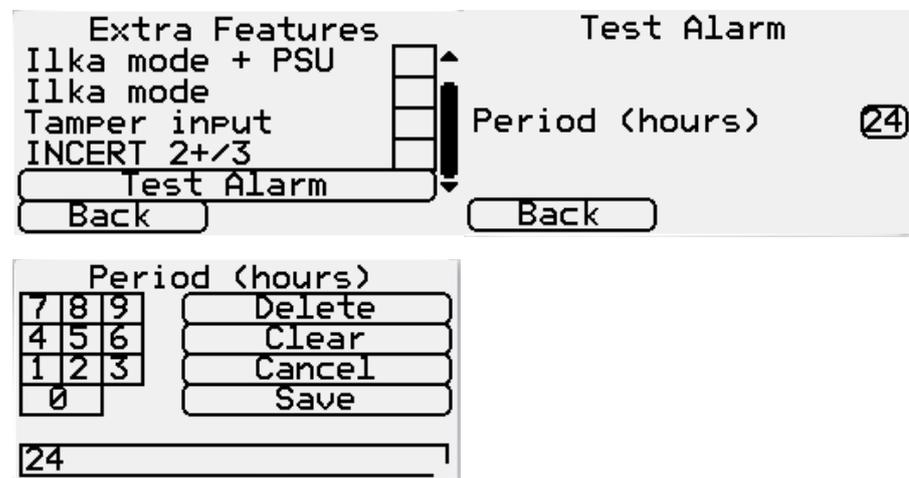
This document details changes to IRIS-4 from firmware Version 4.2.0 to Version 4.2.1.

This release (V4.2.1) is available on AddSecures's reflash server with immediate effect. All IRIS terminals can be upgraded by connecting them over IP to our reflash server, so you can be sure of having all the latest facilities, even if you have already taken delivery of the terminal. This can be done prior to install, at install or even remotely after install.

## 2 CHANGES IN THE RELEASE

### 2.1 Regular test alarm

In cases where the IRIS terminal is not connected to an alarm panel that can itself generate a regular test alarm (e.g. when inputs are used), it can be convenient for the terminal to generate a regular test alarm. This gives the monitoring centre a consistent way to monitor end-end connectivity across many installations. Previously IRIS-4 4xx terminals have supported test alarms over PSTN only, but not over all paths (i.e. the first path available).



### 2.2 Operation with Vanderbilt SPC panels via Ethernet

IRIS-4 4xx terminals support connection to Vanderbilt SPC panels via the second Ethernet connection on the terminal. Alarms from the panel are sent to the monitoring center using the SIA protocol. The alarm time and data received from the panel is included in the SIA message. It has been noted that the SIA time/date format was not correct and this has been rectified.

### 2.3 Operation with Notifier fire panels

IRIS-4 4xx terminals support a serial connection to Notifier alarms panels and convert the alarm information from the panel to SIA format for transmission to a monitoring center. The terminal has been enhanced so that it supports the maximum message length (105) supported by the panel.

### 2.4 Selection of Cellular Technology

By default, IRIS-4 terminals select the cellular technology (2G, 3G or 4G) with the highest signal strength. It has been found that if one of the technologies is available on the cellular network to which the terminal has local access, but is not able to support data transmission, then this process is not optimum and the terminal may not select the technology with highest signal strength. This situation has been resolved.

### 3 HOW TO REFLASH

Refashing can be instigated remotely via the IRIS Secure Apps system to which the terminal is reporting, thereby saving the need for a site visit. This can be done either by using the Reflasher App within IRIS Secure Apps or within the IRIS Secure Apps Dialler Dialogue App, by instructing the terminal to 'Start Dialler Management' to the reflash server IP address (see below).

Alternatively, for local upgrade, connection to the reflash server can be instigated from the installer menu, Settings->Reflash:



The reflash IP address is set by default to AddSecure's reflash server (195.59.117.164) and does not need to be changed unless another reflash server is to be used.

Refashing can also be carried out by direct local connection to terminals, using our IRIS USB Reflasher that can be downloaded from our web site [www.addsecure.com](http://www.addsecure.com)