T4000 PRO

4G SECURITY & CONTROL

The Superior Choice in IP Alarm Communications

Release Notes 1.1.0
13/02/2023

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inner range

Intelligent Security Solutions

Release Notes

Keeping your T4000 Pro up to date ensures you have the latest feature enhancements and issue fixes available.
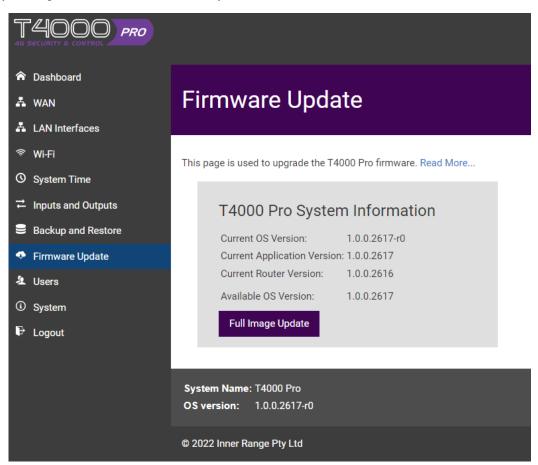
Review this document to see what has changed in the latest releases of Inception, as well as any notes and considerations when upgrading.

How to upgrade your T4000 Pro:

1. Connect your device (E.g. laptop, phone, tablet, etc.) to the T4000 Pro's web interface.
2. Log on to the T4000 Pro web interface and navigate to **[Menu > Firmware Update]**
   *NOTE: If updating a T4000 Pro with existing configuration, it is recommended that a configuration backup be taken before updating the firmware. This can be done via the **[Menu > Backup and Restore]** page.*
3. Click the **[Full Image Update]** button in order trigger an update to the latest version
4. The system will display some prompts prior to the update being triggered
5. The system will begin the update process
6. Once the firmware is updated, the T4000 Pro will automatically restart and the login screen will be shown. To complete the firmware update process should take approximately 2-3 minutes depending on network connection speed.

Minimum Required Versions

The list below indicates the minimum required firmware versions for several of the products that the T4000 Pro can interface with.

Product	Interface	Firmware Version
Inception Controller	Inner Range Serial	3.0.2
Integriti Controller	Inner Range Serial	4.1.1
Concept Controller	Inner Range Serial	5.6
Generic Alarm Panel	ContactID Dialler Capture	N/A
Inner Range Alarm Panel	IRfast Dialler Capture	N/A

Current Release:

Version 1.1.0 – 13/02/2023

T4000 Pro release 1.1.0 includes new networking connectivity features for the devices connected to the T4000 Pro.

Features

VPN Connectivity

The T4000 Pro now supports VPN Client functionality. Configuring the T4000 Pro VPN Client with a client certificate enables the T4000 Pro to connect securely to the customers VPN Server. Once connected the T4000 Pro can provide always on secure connectivity between the site (T4000 Pro and connected devices) and the customers IT environment. The VPN client can use all the T4000's externally facing interfaces to reach the server including WAN, LTE & Wi-Fi. VPN networks are the most secure way to connect to remote sites to access CCTV and security systems. The VPN Client protocols supported in this release include Wireguard and OpenVPN.

Firewall Port Forwarding

The T4000 Pro firewall can now be configured to allow and forward external TCP or UDP connections from the T4000 Pro's public interfaces (i.e. WAN, LTE & Wi-Fi) to the devices connected locally to the T4000 Pro.

Commonly known as port forwarding this functionality can be configured in combination with the VPN Client Functionality to allow secure external access to the devices attached to the T4000 Pro's Local LAN1, LAN2 or Wi-Fi Access point connections. Please note that statically configured IP addresses are required in any connected devices that have port forward rules configured.

CSV/IP Alarms

The T4000 Pro can now be configured for CSV/IP alarm capture. Locally connected IP based Alarm Panels can connect and report CSV/IP alarms to the T4000 Pro. Any alarms received are delivered to a central station of choice through the MultipathIP network. The CSV/IP alarms can be accepted from any of the T4000 Pro's local network interfaces.

Documentation Download

The current release notes and installation manual can now be downloaded from the T4000 Pro's web interface. This provides convenient access to the latest documentation directly from the T4000 Pro's web interface.

Vodafone NZ SIM Cards

Added support for T4000 Pros to be able to register on the Vodafone NZ LTE network.

Issues Resolved

IP Address not being Allocated

An issue was resolved where a device that was connected to one of the T4000 Pro's local interfaces could fail to be allocated a DHCP IP from the T4000 Pro.

Release Notes

Timed Outputs Control Resolution

From the T4000 Pro's "Inputs and Outputs" page, when controlling one of the T4000 Pro's outputs for a timed duration, only whole numbers were supported. The web interface has been modified to allow a decimal point to specify the milliseconds that the output will be timed on for.

Past Releases:

Version 1.0.2 – 16/08/2022

T4000 Pro release 1.0.2 is the initial release version for the T4000 Pro.

Features

Monitoring Features
- Dialler capture ContactID
- Dialler capture IRfast
- Inner Range Serial communications
- 3x Inputs
- 3x Outputs
- 1x Ethernet WAN
- 2x Ethernet LAN
- LTE
- Wi-Fi

Web Interface Features
- Dashboard of system status
- Ethernet WAN configuration
- Ethernet LAN interfaces configuration
- Wi-Fi configuration
- Input status and Output control
- Configuration backup and restoration
- Firmware update
- User configuration
- System reboot

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