

Multipath-IP

The Ultimate High Security Alarm Transmission Technology



All New Second Generation Platform

Encrypted Transmission over Multiple Paths
using Multiple Networks with Redundant Servers
Configured in the Monitoring Centre or Hosted Remotely

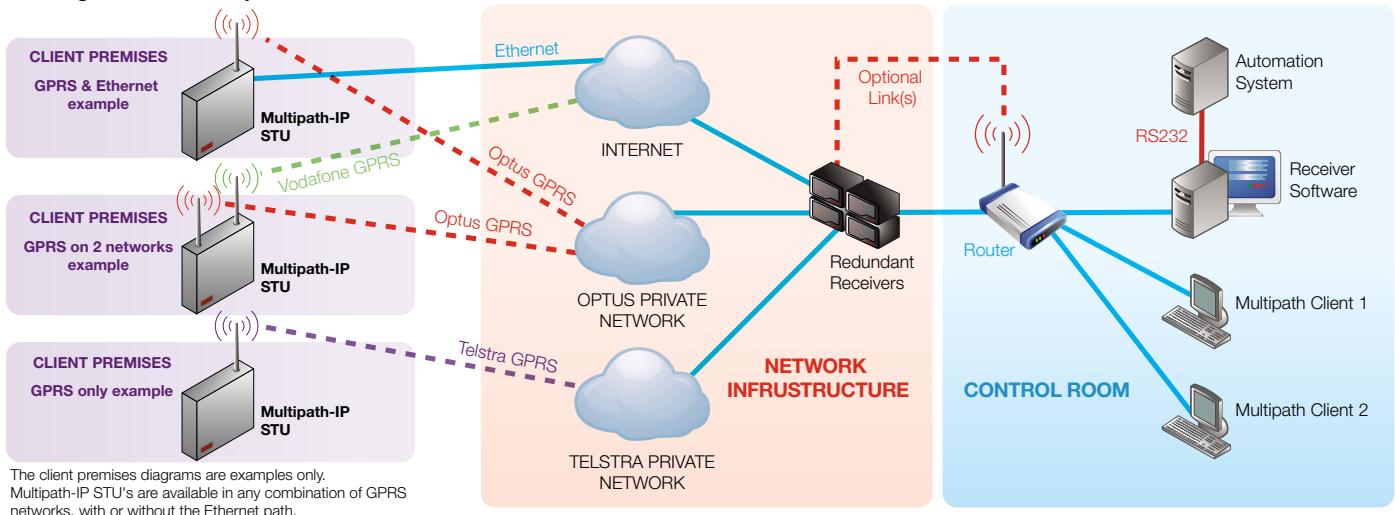
Able to accommodate a variety of multi-site disaster
recovery strategies.

It just doesn't get any better than that!

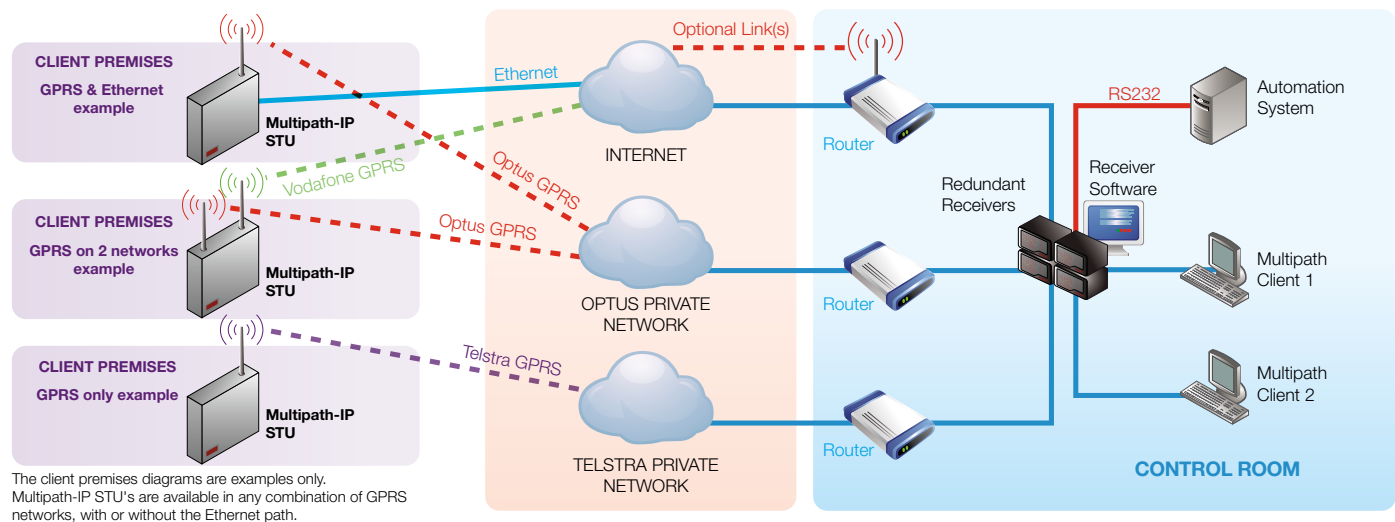
Available using Telstra, Vodafone or Optus networks

All new second generation platform for Multipath technology in the monitoring station

Drawing on all of the experience gained from more than 20 years as industry leaders in alarm transmission technology and more explicitly the last four years of targeted research in the field of IP Monitoring, Inner Range is now proud to release its all new second generation Multipath IP technology. While still maintaining total compatibility with all existing field devices (STU's) this new technology offers a host of new functionality and flexibility which benchmarks Multipath-IP as the premier high security offering available today.



New generation Multipath-IP technology is available to central monitoring stations as a hosted service with no upfront costs to the monitoring centre, even if only one client is connected.

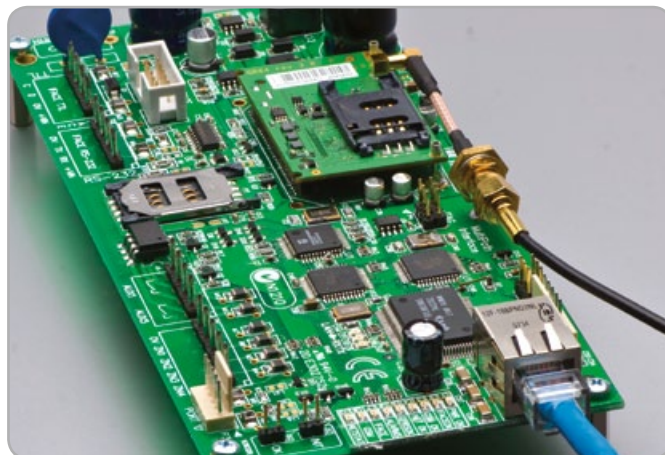
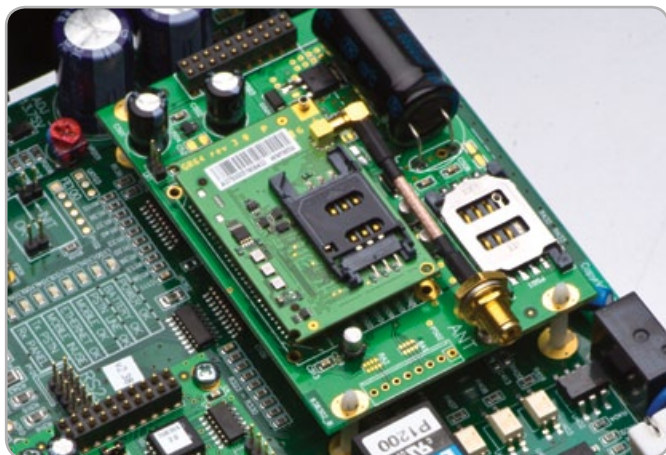


Multipath-IP is also available with all of the redundant server hardware located within the Central Monitoring Station. This option delivers full in-house management of the entire Multipath-IP monitoring system.

Both configuration options provide support for IR Fast alarm transmissions as well as powerful High-Level remote-control functionality when using a Concept panel. This allows operators to remotely Arm / Disarm Areas, Open / Lock doors and control any Auxiliary on a Concept 4000 panel without wiring key switch zones, and without using Upload Download software. Multipath IP technology can be deployed on any IP based network, whether it is privately operated or provided by a Telco, with monitoring taking place seamlessly on all connected networks. For corporate applications a solution can be individually tailored to leverage existing corporate networks and other IT infrastructure. In addition to this, the technology is particularly flexible in its ability to accommodate a variety of multi-site disaster recovery strategies.

Multipath-IP Field STU's

The Multipath IP customer premises field STU's are available in two varieties, each variety having several installation options.



Multipath-IP Premier STU Dialler Capture STU

The Multipath-IP STU is a field device used to connect alarm panels to the Multipath-IP network. It adds additional reporting paths, such as dual GPRS or Ethernet to any alarm panel that uses the Contact ID format or IRFast for its reporting. The Multipath-IP STU also features on-board dialler capture and back-up PSTN dialler functionality.

Multipath-IP Serial STU Securitel replacement STU

The Multipath-IP Serial STU is a cost effective field device used to connect Securitel equipped alarm panels to the Multipath-IP network.

It features dual GPRS and Ethernet alarm transmission paths and Securitel RS232/TTL Interfaces, allowing simple connection to the Securitel interface on many brands of alarm panels.

Installation Options	Serial STU Single SIM	Serial STU Dual SIM	Premier STU Single SIM	Premier STU Dual SIM	Premier STU Dual SIM NO ETHERNET
Part Numbers	998324TEL 998324OPT	998320TEL 998320OPT	TEL998304TEL TEL998304 OPT	998315TEL 998315OPT	998307TEL 998307OPT
POLLED PATHS					
Ethernet	✓	✓	✓	✓	★
GPRS - SIM 1 Telstra or Optus	✓	✓	✓	✓	✓
GPRS - SIM 2 Vodafone	★	✓	★	✓	✓
CONNECTIONS TO ALARM PANEL					
High Level to Concept 3000/4000	✓	✓	✓	✓	✓
Contact ID via Dialler	✗	✗	✓	✓	✓
TTL - Securitel Protocol	✓	✓	✗	✗	✗
RS232 - Securitel Protocol	✓	✓	✗	✗	✗
EXTRA FEATURES					
IRFast (connected to Concept via H/L)	✓	✓	✓	✓	✓
Backup Dialler Path	✗	✗	✓	✓	✓
Optional - Sold Separately ★ Standard ✓ Not Available ✗					

All Multipath IP STUs include provision for a high level interface to Inner Range Concept 3000/4000 panels.

This interface provides advanced functionality such as remote Arming/ Disarming, Door lock & Unlock and Auxiliary control features.

With Multipath IP all paths are monitored and if one path fails then that failure, along with any alarms, is reported via another path. Multipath-IP maximizes reliability of communications, regardless of the communication path it chooses.

Multipath-IP

Monitoring your property and critical assets



Multipath-IP provides the ultimate alarm monitoring solution for your property and critical assets

- ✓ Commercial Property
- ✓ Government Buildings
- ✓ Law Enforcement
- ✓ Defence
- ✓ Banking
- ✓ Critical Infrastructure
- ✓ High Risk Assets
- ✓ Residential Property
- ✓ Schools & Education Facilities
- ✓ Museums & Historic Sites
- ✓ Shops & Public Buildings
- ✓ Entertainment Facilities

Multipath-IP is also the ideal upgrade solution for existing legacy monitoring products

- ✓ Securitel Replacement
- ✓ Direct Line Replacement
- ✓ PSTN Dialler Line Replacement
- ✓ GSM Diallers

The majority of existing alarm systems are not in permanent contact with their Monitoring Centre. These dialler alarm systems sit passively and only communicate by making a phone call over the public PSTN telephone network each and every time they have something to report. (i.e.: alarms, test reports, arming / disarming). A serious vulnerability with this type of system is that if the telephone line is cut, the operators at the monitoring centre are unaware of this situation until they fail to receive the scheduled daily test report from your system. In between these phone calls, there is no reassurance at your Monitoring Centre that your system is functional.

With Fratech Multipath-IP, alarms are sent to the Monitoring Centre even if your telephone lines are cut. Multipath-IP automatically switches between multiple communications routes including Ethernet, GPRS 1, GPRS 2 and PSTN greatly maximising the chances that your alarms will be reported. Furthermore, Multipath-IP checks in with your Monitoring Centre at least every 90 seconds, so you have up-to-the-minute confirmation that your premises are secure.

Upgrade Your Security Monitoring System to Multipath-IP

A compatible Multipath-IP field STU is available for most new or existing alarm panels and is the ideal upgrade for Securitel or Direct Line products. It is connected directly to your existing alarm panel and has its own onboard Dual Network wireless GPRS modem for communications to the monitoring centre. If the Ethernet option is also used an additional connection is made between the Multipath-IP field STU and your local internet connection. A further connection may be made to your existing telephone line for back-up PSTN dialler communications. Multipath-IP is compliant with the AS2201.5 standard up to Class 5, which is the highest level and requires end to end polling intervals of 20 seconds.

Contact

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