Fratech Multipath-IP®
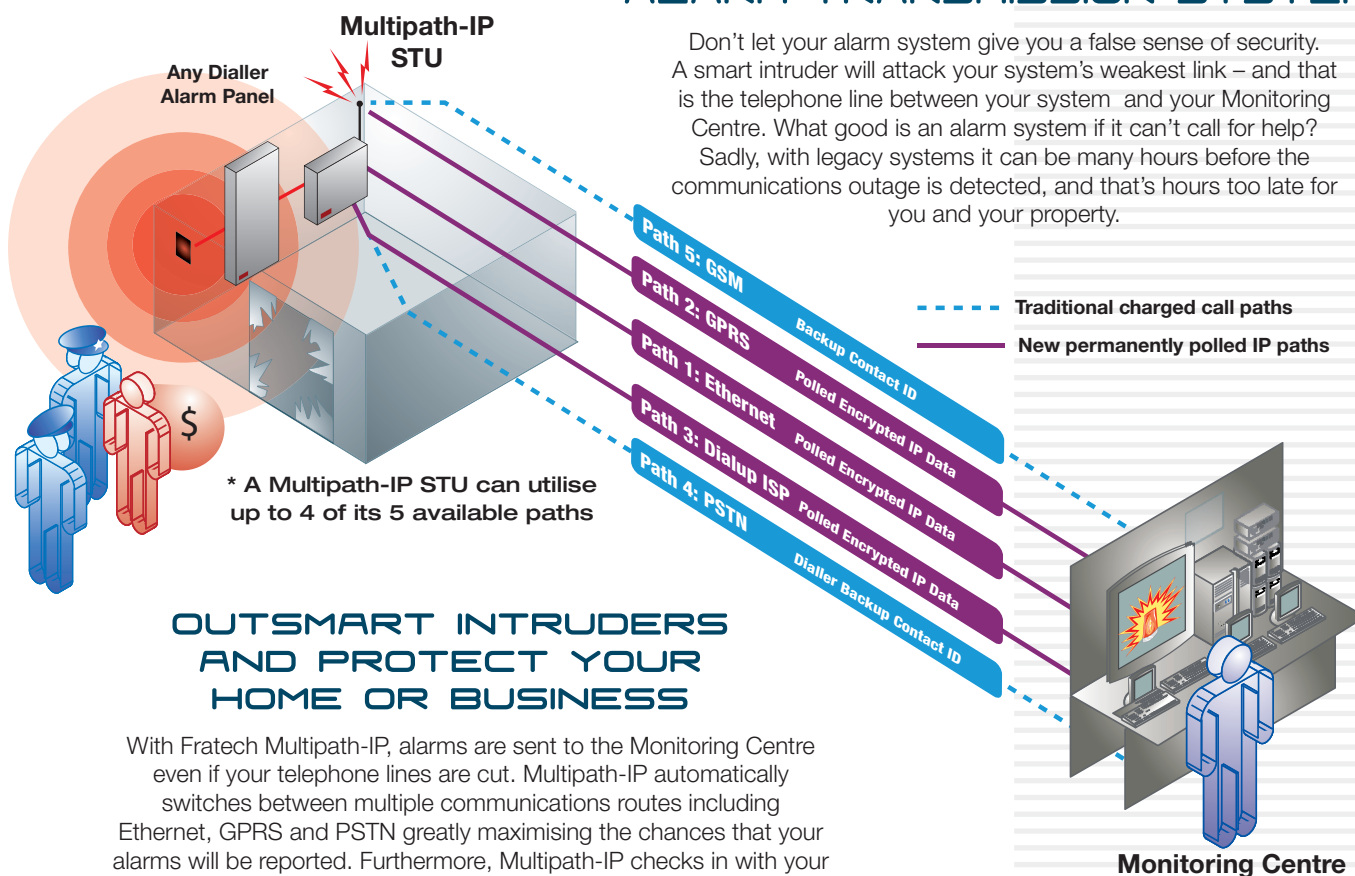
By **inner range**
Intelligent Security Solutions

THE ULTIMATE PROTECTION OF YOUR CRITICAL ASSETS

- Affordable, high security monitoring for commercial and domestic premises
- Can be added to most existing alarm systems
- Better than your best neighbour – your property and critical assets are being checked every 90 seconds (20 second polling available)
- Foils intruders by providing multiple supervised alarm communications paths
- Pays for itself! - Reduced phone costs, false alarms and guard call outs
- Meets or exceeds Australian Standards (AS2201.5) for Alarm Transmission Systems

DON'T LET INTRUDERS OUTSMART YOUR ALARM TRANSMISSION SYSTEM!

Don't let your alarm system give you a false sense of security. A smart intruder will attack your system's weakest link – and that is the telephone line between your system and your Monitoring Centre. What good is an alarm system if it can't call for help? Sadly, with legacy systems it can be many hours before the communications outage is detected, and that's hours too late for you and your property.

Multipath-IP STU

Any Dialler Alarm Panel

Path 5: GSM
Path 2: GPRS   Backup Contact ID
Path 1: Ethernet   Polled Encrypted IP Data
Path 3: Dialup ISP   Polled Encrypted IP Data
Path 4: PSTN   Polled Encrypted IP Data
Dialler Backup Contact ID

- - - - Traditional charged call paths
——— New permanently polled IP paths

* A Multipath-IP STU can utilise up to 4 of its 5 available paths

OUTSMART INTRUDERS AND PROTECT YOUR HOME OR BUSINESS

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 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 (20 second polling on some paths), so you have up-to-the-minute confirmation that your premises are safe. **That's real peace of mind!**

Monitoring Centre

Australian owned & operated. Designed & manufactured in Australia.

Fratech Multipath-IP ®

YOUR PROPERTY AND CRITICAL ASSETS ARE BEING CHECKED EVERY 90 SECONDS.

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.

MORE ALARM REPORTING PATHS

Using a single add-on device which we call a STU, Multipath-IP can utilise up to 3 secure supervised alarm reporting paths (Ethernet , GPRS , Dialup ISP) and up to 2 traditional non supervised reporting paths (PSTN & GSM). The Multipath-IP STU can access any 4 of its 5 possible reporting paths. Multipath-IP maximises the chance of an alarm getting through to your Monitoring Centre.

MORE SECURE

We live in the information age, and threats from cyberspace hackers are as real as attacks on your bricks and mortar. Multipath-IP uses advanced 128-bit AES encryption and permanent supervision of multiple alarm reporting paths to add a level of security to your existing security system not previously possible with standard equipment. Path supervision is maintained with encrypted heartbeat polls transmitted between the STU and the monitoring centre every 20 seconds on the 2 Ethernet paths and every 90 seconds when using the wireless GPRS path.

FEWER FALSE ALARMS

With our competitors' single path supervised systems there's no guarantee an alarm raised by your security system will get through - network faults are indistinguishable from sabotage. Intruders can exploit this weakness by breaking the communications path. Operators at the monitoring centre must either dispatch a guard immediately (which is expensive to you in the case of a false alarm), or wait a short time to see if the fault resolves itself, thereby delaying positive action when it is needed most.

With Multipath-IP, when a path fails, supervision is transferred to an alternate path, so the monitoring centre operator knows the alarm system can still report a "genuine" event should it need to. If multiple paths utilising different technologies fail, then the operator can more confidently dispatch a guard quickly to investigate.

Fewer false alarms means increased confidence that an alarm is an emergency event and not just a network fault. This results in immediate action when it's most needed and less guard call-outs overall, saving you money.

Available from

LOWER COST

Dialler alarm panels make a phone call every time they have something to report to the Monitoring Centre. This can be many times per day. The actual cost of your alarm monitoring can add up to hundreds of dollars per year, just in phone calls. The same is true of **GSM backup** systems, with the additional cost of mobile call / access charges on top of any land line calls. **Securitel** can cost tens of dollars per week for what is essentially only a single path polled system. **Direct line** is prohibitively expensive in terms of its ongoing dedicated leased line Telco charges.

Multipath-IP is an affordable, fixed monthly cost alternative that offers higher security than any of these systems. Typically, it is less expensive than Securitel, and provides multiple supervised paths for fast reliable alarm reporting.

PROVEN PEDIGREE

Inner Range brings over 15 years of intruder alarm experience to the table. Our products have consistently delivered innovative, best-in-class solutions at affordable prices. We're always integrating the latest technology into our products to ensure you have the best equipment the industry can offer. Our expertise spans intruder alarms, access control, building automation through to alarm transmission and alarm receiver systems. No other company can boast this level of competence in equipment design and manufacture from the monitored site to the monitoring centre.

UPGRADE YOUR SECURITY SYSTEM TO MULTIPATH-IP

The Multipath-IP STU is inserted in between your existing alarm panel and the telephone (PSTN) network. Ethernet is connected directly to the STU and the STU has its own onboard wireless GPRS modem. From then on you have a supervised Multipath system. If they are connected; Paths will be deployed in the following priority:

1.Ethernet 2.GPRS 3.Dial Up ISP 4.PSTN   5.GSM

Ask for Multipath-IP to ensure your security system is capable of providing you with the best levels of security at affordable, fixed monthly prices.

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