



Data sheet

Wireless networks

Higher business and consumer expectations mean that companies need to be able to communicate quickly and easily from wherever they are based. Where cables aren't practical, a state-of-the-art wireless network offers the perfect solution.



We specialise in the design and installation of high bandwidth wireless networks for both indoor and outdoor use. Using the very latest technology, we can help your organisation transmit voice or data connections throughout and between buildings. We provide network management, high-end security and the ability to upgrade your system easily via both hardware and software. With our flexible range of solutions we can provide wireless networks even in the most challenging of environments.

Our wireless networks

We install a full range of the latest wireless technologies, all have a variety of bandwidths and features:

Laser link

- > Covers long distances with a high bandwidth
- > Requires line-of-sight between locations
- > Covers two locations

Microwave

- > Covers long distances with medium bandwidth
- > Line-of-sight not required
- > Covers multiple locations

Infrared

- > Covers medium distances with medium bandwidth
- > For use where laser or microwaves are not suitable
- > Covers two locations

Radiowave

- > Covers short distances with low bandwidth
- > Ideal for close range works
- > Covers multiple buildings



Solutions for challenging situations

Our Proxim/HP wireless networking products are ideal for problematic buildings such as those with concrete floors and also for sensitive environments like hospitals, where radio interference from mobile data connections can cause issues.

Flexible solutions

Wireless communication is so flexible that temporary networks for training rooms or exhibitions can be set up in minutes. These systems offer extensive coverage and seamless connections to allow for 'hot-desking'.

Network connectivity

Our wireless links can connect data networks at bandwidths from 4Mb to a Gigabit over distances of up to 4,000m, without any rental fees.

Our technology uses a direct spread spectrum sequence, which securely encrypts the data being transferred.

Voice connectivity

The ability for employees to talk to each other using wireless technology is becoming increasingly important to organisations. Which is why Voice over Wireless Local Area Networks (VoWLANs) are becoming increasingly popular with network managers. We use the most advanced technology to provide the quality of service and bandwidth needed to meet the demands of wireless voice systems. Our range of infrared links connect voice networks at the international G703 standard of 2Mb, or 8Mb over distances of up to 4,000m.

Preventative maintenance

We'll work with you to schedule maintenance for all telecoms assets throughout the year - this approach helps reduce reactive call-out charges and network failures.

We provide preventative maintenance and remedial repair for:

- > Generators
- > Uninterrupted Power Supply (UPS)
- > Direct current rectifiers
- > Air conditioning
- > Fire alarm systems
- > Fire suppression systems
- > BMS systems
- > Periodic electrical testing
- > General building and room maintenance
- > Grounds maintenance
- > Pest control

24-hour nationwide call-out

If an unplanned incident was to occur our engineers are available to attend site 24hrs / 365 days a year to investigate and resolve issues including:

- > Fibre optics
- > UPS repairs
- > DC Power plant repairs
- > Generator repairs
- > Air conditioning repairs
- > Emergency temporary mobile generator deployment
- > Frame and cover rectification
- > Fire alarms systems
- > Fire suppression systems
- > Security & access

Our engineers are available 365 days a year to investigate and resolve issues.

