Point-to-point microwave links distance-engineered for demanding applications

Aprisa XE

Cost-effective

Easy installation and maintenance
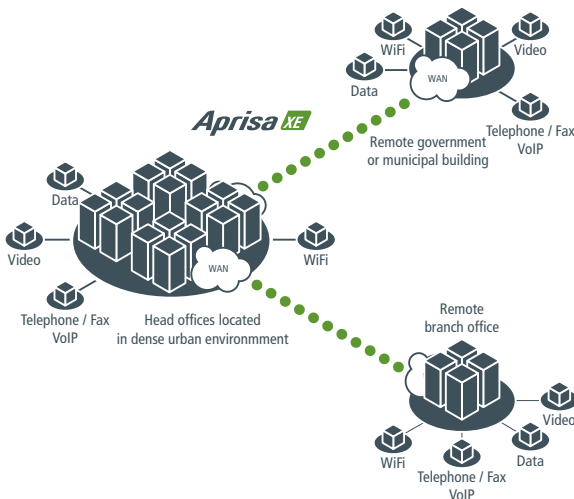
Reliable

Flexible interfaces

Private networks, campus communications and connectivity for business applications

From private enterprises to government, from hospitals to schools and universities, a reliable communications infrastructure is essential to connect business locations together and communicate with the outside world. The Aprisa XE family of point-to-point radios from 4RF provides a reliable, secure, always-on platform, effortlessly linking business locations even over long distances or challenging terrains. Whether for Internet access, highspeed data transfer, web hosting or telephony services, the Aprisa XE's low total cost of ownership ensures a rapid return on investment, making a sound business case for all types of organisations.

ADVANCED POINT-TO-POINT WIRELESS SOLUTIONS

The Aprisa XE provides a flexible range of voice, data and IP interfaces, giving enterprises complete control over their networks. It is ideal for linking branch offices to head offices, communicating between different buildings in a university or hospital network or backhauling a campus WiFi network to the wider area network. With its 65 Mbit/s capacity, the Aprisa XE is suitable for even the most bandwidthdemanding applications. Using licensed frequency bands, it reliably makes and maintains an interferencefree connection despite the problems of harsh weather conditions, long distances to rural locations, or links over water or round building obstacles in dense city environments.

SPECIFICATION	APRISA XE
Frequency bands	300 MHz – 2700 MHz (licensed bands)
Modulation	Software configurable from QPSK to 128 QAM
Capacity	72 kbit/s – 65 Mbit/s
Channel sizes	From 25 kHz to 14 MHz (band-dependent)
Interfaces (supported by digital cross connect)	E1 / T1 framed and unframed 2-Wire FXO / FXS 4-Wire E&M V.24 synchronous, asynchronous, over sampling High-speed synchronous X.21 / V.35 / RS-449 / RS-530 10 / 100Base-T Ethernet
Management	Element: Embedded web-based SuperVisor software Network: Any SNMP-compliant NMS platform

Why the Aprisa XE ?

- **Cost-effective** – the Aprisa XE has a low total cost of ownership and rapid return on investment, and makes perfect business sense for organisations challenged with making the most of their IT budget. It enables enterprises to minimise capital expenditure and virtually eliminate operational expenditure.

- **Flexible interfaces** – the Aprisa XE provides support for all types of voice, data and IP traffic, with its modular multi-service multiplexer enabling the selection of the required interfaces for every link in the network.

- **Easy installation and maintenance** – the Aprisa XE is easy to deploy and can be redeployed as needed as the organisation evolves. Its SNMP-based network management means it can be easily integrated with and managed alongside existing IT and communications infrastructure.

- **Reliable** – the Aprisa XE provides industry-leading reliability, even for organisations with widely dispersed locations. Whether used as a primary or a back-up link, organisations can depend upon the Aprisa XE's performance.