

Telephony systems offer an extensive array of advance applications for the convergence of voice and data. Private and public institutions are using the latest technology as a strategic tool to manage increasingly high levels of customer service.

Remote branch offices now have the ability to take advantage of the PBX services typically available only at head offices. New generation telephony systems extend the head office systems to remote offices. With CTI applications, voice and computer integration is driving the requirement for highly flexible system architectures.

Business Requirement Today's voice/data solutions require a fine balance between proven legacy technologies such as T1/E1 links, while at the same time providing for emerging packet switched technologies such as IP -PBX systems. You can protect your investment by purchasing systems that can support both types of traffic. Equipment to connect your telephone systems together should support both circuit switched T1/E1, plus carry high data rate IP traffic.

Wireless Advantage Long-range outdoor wireless connections have emerged as an alternative to expensive carrier provided T1 and IP land based circuits. It is now possible to link multiple buildings together with highspeed links up to 50KM. One initial investment replaces ongoing monthly charges from carriers, charges that escalate as your data usage increases. Alternately wireless links can provide a very inexpensive redundant link to carry voice and data traffic to meet disaster recovery requirements.

## Application Note **Telephony**

Wireless connectivity provides reliable high speed network links for connecting your head offices, region offices and remote branches.

## **Designed for**

- Medium and Large Enterprises
- Carriers and Service Providers
- Local and Regional Governments
- Schools, Libraries and Hospitals
- Public Safety Organizations
- Building Local Exchange Carriers
- Property Management Companies

## **Typical uses**

- Connect voice, video and data based equipment over long range wireless links
- Extend head office and regional office systems out to branch locations
- Connect telephone and broadband data connections Multiple Tenant Buildings (MTU)