# The InfiLINK 2x2 Family

The InfiLINK 2x2 Family is a brand new, high-performance, broadband wireless backhaul solution with greater effective throughput, higher link availability and increased operating distances in both LOS and NLOS conditions. These and other innovative features enable Service Providers to build higher capacity networks with fewer network elements, thereby reducing the overall Whole-Life Cost of operating their network.

InfiLINK 2x2 offers a wide range of options for its licensed and unlicensed frequency band solutions. Used primarily for wireless networking applications, these solutions offer operational cost saving features and benefits such as the ability to upgrade their capacity via software download.

The InfiLINK 2x2 is a superior wireless system which combines not only high-speed capability, up to 300Mbps throughput, but also a Best-in-Industry set of networking features - all aimed at ensuring seamless integration with existing wireless or wired networks without requiring any third party interface equipment.

The InfiLINK 2x2 capabilities include advanced Quality-of-Service, carrier-grade E1/T1 connectivity and optimum system performance in the most challenging environments around the world.

### Applications
Key applications of the InfiLINK 2x2 Family include:
- WISP infrastructure backhaul
- Building-to-building connectivity at Fast Ethernet speeds
- Redundant Cellular backhaul, multiple E1/T1 TDM & Ethernet/IP transport
- A cost-effective alternative for legacy microwave links
- WISP Internet POP for remote areas
- NLOS backhauling using lower frequency bands
- Reliable backup for fiber lines, high-speed FSO or millimeter-wave links
- WiMAX BTS High-capacity backhaul

### InfiLINK 2x2 Family Key Features and Highlights
- Available in 2.3 – 2.4 GHz, 4.9 – 6.0 GHz frequency bands
- "Pay as you grow" software upgradeable capacity feature
- High-capacity - up to 300 Mbps throughput
- 5/10/20/40 MHz channel widths
- Best-in-Industry feature Set
- Operational distances in excess of 60 kms



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