

OS-GEMINI FAMILY OF PRODUCTS

High-Availability Wireless Ethernet Bridges

Your Solutions for Obstructed and High-Interference Environments as well as Long-Range Line-of-Sight Links, Including Those Over Water

Which word best defines success in wireless connectivity?

Is it availability? Reliability? How about speed?

Consider this: 85% of properties 1500 feet apart have no optical Line-of-Sight path between their roofs. For them, a conventional wireless solution won't work 75% of the time. OS-Gemini succeeds over 99% of the time.

By any measure, the OS-Gemini point-to-point, 5.8GHz wireless Ethernet bridges succeed where more conventional solutions disappoint. We achieve far more reliable connections, much more often, at faster data rates – because OS-Gemini solutions can maintain as high as 99.999% availability in challenging environments. Even in supposedly connection-friendly applications, OS-Gemini radios protect against the transient attenuation, fading and dispersion that degrade all wireless signals.

There are four products within the OS-Gemini line:

- **OS-Gemini Integrated:** With up to 44 Mbps Ethernet data rate and a built-in antenna, the OS-Gemini Integrated is the perfect choice for Non-Line-of-Sight (NLoS) and near-Line-of-Sight (nLoS) environments.
- **OS-Gemini Lite Integrated:** The OS-Gemini Lite includes all the same robust technology of the OS-Gemini Integrated, but at less cost. It's an excellent entry-level solution for growing WISPs and ISPs and for any budget-constrained organisation that needs a robust solution to overcome interference and navigate obstructions. With up to 22 Mbps Ethernet data rate, the OS-Gemini Lite is software upgradeable to 44 Mbps as throughput requirements increase.
- **OS-Gemini Connectorised:** The OS-Gemini Connectorised combines all the innovative Orthogon technology found in the OS-Gemini Integrated with the high-gain advantage of external antennas. In extremely adverse environments, including deep Non-Line-of-Sight, this solution lets you connect over greater distance, at a higher level of reliability and at higher speed than other wireless bridges.
- **OS-Gemini Lite Connectorised:** With all the performance and reliability of the OS-Gemini Connectorised, at less cost, this solution delivers up to 22 Mbps in extremely adverse environments. Then as bandwidth requirements grow, you can easily upgrade from 22 Mbps to 44 Mbps.

