



HIGH THROUGHPUT MEETS LOW TCO



THE ETHERHAUL™ E-BAND
WIRELESS BACKHAUL



Shifting the Wireless Backhaul Paradigm

Siklu's EtherHaul-1200 is a carrier-class, high-capacity E-band radio that dramatically lowers the cost of wireless and Ethernet backhaul. The system is uniquely based on an all-silicon design that results in fewer components, greater reliability and pricing that is as low as 20% of comparable radio systems. Operating in the uncongested and inexpensive licensed 71-76 GHz E-band, TCO (total cost of ownership) is reduced even further – to the lowest in the industry.

- Operates in the licensed, uncongested and inexpensive 71-76 GHz E-band
- Carrier-grade Gigabit Ethernet radio
- Revolutionary all-silicon-based design results in the industry's lowest TCO
- Priced as little as one-fifth the cost of available wireless radio alternatives
- Green design – extremely low power consumption, small form factor, easy installation
- Perfect wireless backhaul solution for mobile operators, business service providers and enterprises



MAKING WIRELESS BACKHAUL AFFORDABLE

All-Outdoor Packet E-band Radio

- Operates in the licensed 71-76 GHz E-band
- Up to 1 Gbps throughput
- Asymmetric capacity configuration
- High gain narrow beam-width directional antenna
- Low latency

Highest Spectral Efficiency in E-band Spectrum

- 250 MHz, 500 MHz channel bandwidth
- Configurable center frequency across the entire band
- Advanced hitless / errorless Adaptive Bandwidth, Coding and Modulation (ABCM) for a large dynamic range

Carrier Ethernet Inside

- Integrated Gigabit Ethernet switch
- Advanced bandwidth-aware QoS capabilities
- Advanced service management and OAM
- Ring, mesh and Link Aggregation (1+1, 2+0) for carrier class availability and resiliency
- SyncE and optimized transport of IEEE 1588
- Standard-based for seamless integration into existing networks and multi-vendor interoperability
- Seamless software upgrades to MPLS, IP and beyond

Carrier Grade

- CLI, SNMP or web-based local and remote management
- Extremely high reliability with high MTBF
- Designed for ultra-low MTTR without the need for antenna realignment

Quick and Easy Installation

- Rapid and flexible deployment
- Precise antenna alignment
- Minimal site preparation

Green Design

- Zero footprint, all-outdoor, extremely light weight
- Ultra low power consumption
- Standard IEEE 802.3at Power over Ethernet (PoE)

Security

- Advanced AES encryption and security
- Narrow and secure beam-width

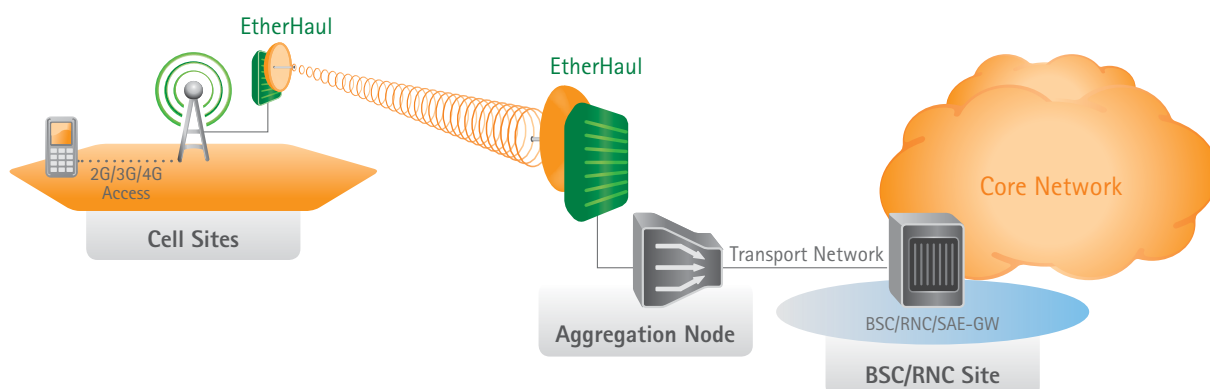




Wireless Backhaul for 2G, 3G, 4G, LTE and WiMAX Networks

High-capacity Gigabit Ethernet backhaul at the lowest TCO in the industry enables mobile operators to profitably and reliably provide data intensive services.

- Uses the uncongested and interference free licensed E-band 71-76 GHz wireless spectrum, enabling fast and efficient frequency and network planning and deployment. As a bonus, licensing registration processes for this band are cheaper and quicker.
- With 1 Gbps throughput, the EtherHaul-1200 radio future-proofs the backhaul network to meet data growth demand from 4G, LTE and WiMAX installations.
- Carrier-class Ethernet provides QoS and OAM with standards-based support for ring, mesh and multi add-drop topologies assuring resiliency and high availability.
- Bandwidth aware QoS mechanism differentiates between multiple services, guaranteeing efficient transport of timing, signaling, voice, video, web surfing and more.
- Advanced timing over packet handling (SyncE, 1588) enables the migration to packet-based backhaul.
- All-outdoor unit eliminates collocation fees and indoor-associated costs and allows fast deployment at any cell-site.
- Low power consumption delivers 80% energy savings.

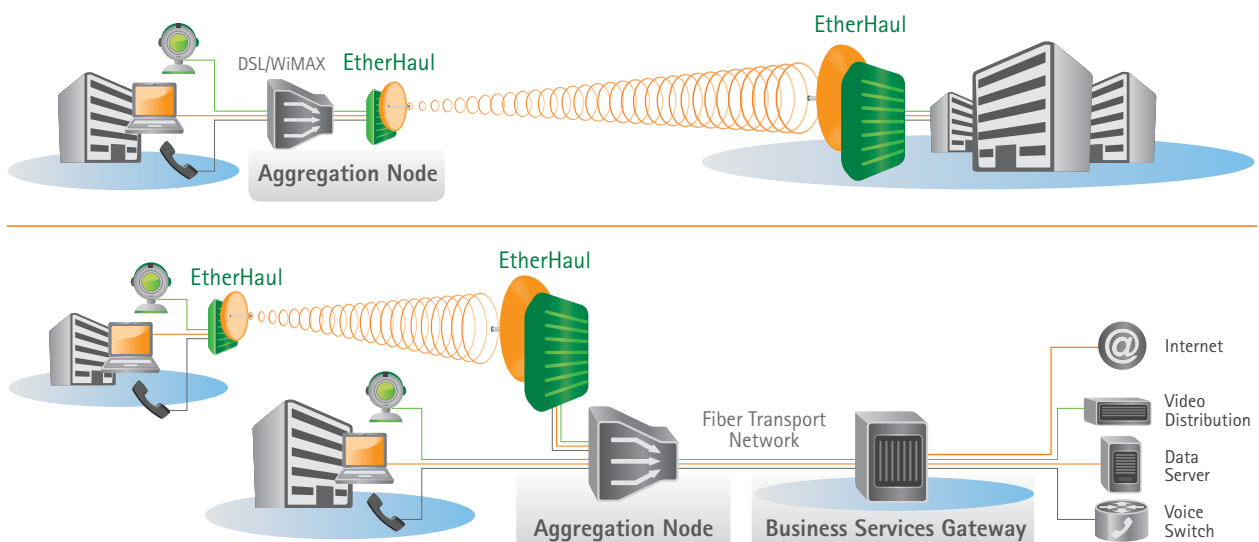




Ethernet Wireless Backhaul for Business Services and Enterprise Connectivity

A low cost, high capacity Ethernet wireless solution allows you to rapidly extend your fiber reach beyond existing fiber footprint or expand your enterprise network.

- Operates in the licensed E-band 71-76 GHz wireless spectrum, with significantly lower licensing fees and simpler and quicker licensing registration processes, for rapid service deployment.
- 1 Gbps throughput delivers enough capacity to support voice, video and high speed data services.
- Advanced Carrier Ethernet capabilities enable differentiated QoS, maintaining diverse SLAs for multiple services and customers.
- All-outdoor unit eliminates the need for a dedicated indoor cabinet and enables rapid roll-out with minimal site preparation.
- Zero footprint and flexible installation options allow for deployment in any urban, business or residential environment.
- Low power consumption enables use of standard PoE supply, connecting the radio with a single cable for both power and data.



About Siklu

Siklu has been committed to reducing the cost of high capacity wireless backhaul solutions since 2008. The company's success centers on an innovative silicon-based design of the E-band radio system and components that has resulted in systems priced as low as 20% of competition. The EtherHaul delivers Gigabit speeds and is ideal for a wide range of urban and metropolitan Ethernet wireless backhaul applications. Serving providers around the world, Siklu Communication is based near Tel Aviv, Israel.



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