



**Siklu**

**MMWAVE  
WIRELESS FIBER  
CONNECTIVITY**



**MmWave frequencies were the Antarctica of telecoms before Siklu - very few went there and those who did paid a lot for it. Then we invented our all-silicon radio and started a revolution: prices were sliced by 90% and more, devices shrunk in size, performance skyrocketed - and a market was born.**

### **It's a Gigabit World**

It is a Gigabit World and mmWave has been recognized as the wireless technology that can deliver the required gigabits/sq mile the market is demanding. Siklu Communications is a pioneer and a leader in the mmWave (60GHz - V Band, 70/80GHz - E Band) market since 2008. With over 38 patents Siklu has been at the forefront of both the massive \$/bit reduction and the performance improvements the industry has seen over the past ten years. From a 1Gbps link at \$20k to today's offering of 10Gbps for \$10k, the industry has made major strides and Siklu has been leading the market for over ten years.

### **Real Problems, Real Solutions**

At Siklu we are taking these \$/bit and performance advantages and are applying them to many uses from industrial to ports to education with a focus on the 5G GTTH and IOT 3.0 Smart City markets. Both of these applications require a mix of backhaul and access systems, as well as both carrier class and enterprise class products. Driven by our unique design and manufacturing approaches, applies Siklu products have the longest range on the market expanding the potential use cases in both of these markets. With the recent release of our second generation 60GHz, Terragraph certified small size Terminal Unit, the cTU, Siklu continues to innovate and drive the cost/performance ratio.





## We Have It All

As the potential applications continue to expand, no one set of products can meet all the disparate requirements. Only Siklu has the complete portfolio that can meet and exceed these needs.



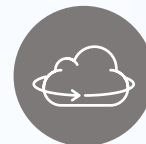
Our [Hundred series](#) are both V band and E band PTP radios but packaged in a very small form factor for street level deployments.



Our [Kilo series](#) of E band PTP products have up to 10Gbps Full Duplex capacity and are typically deployed on towers and rooftops.



Our PtMP [MultiHaul™](#) system delivers gigabit per second services in a form factor even smaller than the Hundred Series.



Our L2 Software Defined Network (SDN) mesh [MultiHaul™ TC](#) system is Terragraph certified and delivers flexibility across large service areas, starting with a single 360° radio.

All of these systems also need a battery of software support and Siklu has what customers need. Siklu provides a full suite of software and tools to support design, installation and operation of these increasingly dense and complex networks. Our SaaS [SmartHaul™ software portfolio](#) consists of:

- **EMS**, for centralized management of all Siklu products
- **WiNDE Wireless Network Design Engine**: 5 clicks from locations to an optimal radio network design and detailed BOM.
- **NMS with Runner and SPE subsystems**, for automated network and service operations across all Siklu products
- **Link Budget Calculator**, for capacity and availability predictions of mmWave links with Siklu products

## Siklu Leading mmWave

It is a Gigabit world and customers are demanding gigabit everywhere. mmWave systems have been identified as the ideal technology to meet this challenge. Siklu Communications with a decade of innovation, the industry's broadest product portfolio, and extensive SaaS support continues to lead the way to Gigabit nirvana today and tomorrow.



## 5 Reasons to Contact Siklu:



Longest range on the market.



Carrier class performance at competitive pricing.



Industry's smallest, lightest equipment.



Extensive PtP, PtMP and L2 SDN mesh portfolio operating over the interference-free and uncongested 60, 70/80GHz bands.



Field proven mmWave solution with thousands of links deployed.

## Siklu's radios are the most deployed millimeter wave systems in the world

terragraph certified



**EtherHaul™ Hundred Street Level**

Up to 1Gbps Aggregated



**EtherHaul™ Kilo Rooftop**

Up to 10Gb Full Duplex



**MultiHaul™ Point-to-Multipoint**

Plug-and-Play Street level up to 1.8Gbps Aggregated



**MultiHaul™ TG Mesh**

Up to 16Gbps Aggregated



**Siklu SmartHaul™ Network Software Tools**