

**Siklu**

# The Gigabit Revolution

Gigabit For All takes a giant step forward with  
Siklu's Terragraph N366 and cTU



Powered by  
**Terragraph**

The acronym GTTX means gigabit to the office, the MDU, or even the home. Providing this level of service at a customer friendly price requires advances in technology and topology. With the Terragraph (TG) compliant MultiHaul™ N366, we are lowering the cost of delivering these services to homes, businesses and within Smart Cities Broadband IoT applications. A single unit that provides 360-degree coverage, is able to self-organize into a neighborhood mesh and provide just under 10Gbps of capacity.

The N366 is a compact device that is designed for a mesh topology with built-in self-backhaul. Connecting to other N366 nodes, or to our TG compliant cTU (our compact Terminal Unit) this device offers the greatest flexibility for smart cities and service providers focused on delivering gigabit connections in dense environments. **Key features and benefits include:**



### Mesh Topology

The N366 is deployed as a mesh node, with the built-in self-backhaul connecting to either additional N366 devices or to an Internet POP via a fiber connection, or a Siklu EtherHaul™ link with up to 10Gbps FD.



### SaaS

Siklu's advanced SmartHaul™ tools, WiNDE for network design, and SmartHaul EMS for management both support the N366. With the advent of SDN infrastructure, Siklu continues to blend leading hardware platforms with our system of software modules focused on reducing the Total Cost of Ownership, adding our Runner SON module for centralized and automated operations of the meshed nodes. All of Siklu's SmartHaul software systems can be Cloud based or premise located.



### Self-Organizing, Self-Healing Networks

Siklu's self-organizing protocols and tight integration with our SmartHaul™ SON, ensure smooth deployments across a neighborhood, no service disruptions in case of link or N366 node failures, and on-going optimization in response to changing traffic patterns. The N366 network will automatically establish connectivity between all nodes, and reroute traffic based on performance in terms of capacity, oversubscription and even latency to determine the best paths.



### Rapid and simple deployment

Combining the advanced self-organizing centralized controls and provisioning with superior automatic beam steering means installations can be done quickly and with minimal skillsets.

The N366 continues to support critical features customers have already come to rely on. With 1/2.5/5/10GE, copper or fiber options ports, the N366 provides maximum flexibility when integrating into existing networks, be they fiber or wireless. Siklu remains committed to delivering not only fast but secure networks. Supporting VLAN and QinQ, AES, 802.1x and other options, service providers can be assured their network is protected and customers can be confident their data is safe.

Siklu continues to be the leader in mmWave systems, offering the broadest portfolio of mmWave PTP (EtherHaul™), PtMP (MultiHaul™) and now TG mesh products in the market. When deploying Gigabit connections to customers it is not a one size fits all scenario. At Siklu we understand this and with the N366 we continue to provide solutions that deliver robust and sustainable ROIs to service providers and smart cities across the globe.

