

# GIGABIT CAMPUSES

Simple, fast and cost effective wireless - mmWave  
brings Gigabits to School

# Campuses and Smart Cities – more alike than you think

As we move forward into a Gigabit World, delivering those gigabits beyond the reach of fiber is the mission of mmWave wireless systems. Campus environments are very similar to cities when it comes to communication needs. Both have multiple high speed applications including Gigabit Wireless Access for Internet connectivity, public wifi backhaul and video security in parking lots to name the three most dominant use cases. In addition, each has a single office or functional group that is responsible for network infrastructure such as that offered by mmWave systems.

## Only One Wireless Solution Can Deliver

This creates a unique opportunity to deploy and operate a single wireless network that addresses all three primary applications and a host of secondary ones as well – provided the core network technology can meet the needs of each. When one considers the capacities required for Internet Access the network needs to support Gigabits per second. Latency and jitter are also fundamental to proper video security operations and hence the wireless network solution also must have strict control of these parameters. There is only one wireless solution that can deliver on all of these needs and those are mmWave based networks.

## Siklu, mmWave and the Campus

Deploying mmWave networks in campus environments requires a broad selection of mmWave products– from small, 1Gbps to 10Gbps full duplex point to point connections to point to multipoint beam steering solutions the unique topology of each campus will require a unique network design. Only Siklu has the depth and breadth of products for a fully functional full coverage mmWave campus network.



## Top 5 Reasons

### Why Siklu mmWave is the right fit for Campuses



Virtually interference free



Robust and reliable



Easy to deploy

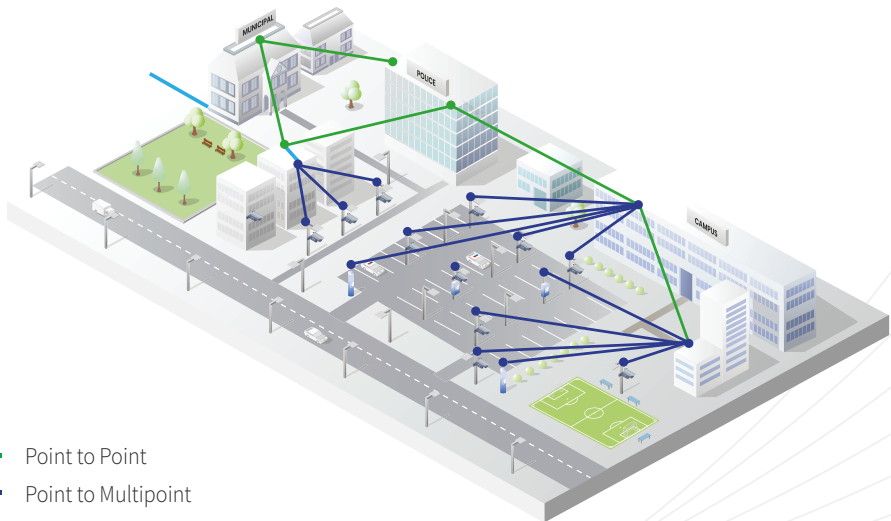


Extends existing fiber at a fraction of the cost



Largest portfolio of mmWave systems

## Over 200 Smart City Networks Across the Globe are Built on Siklu



- Point to Point
- Point to Multipoint
- Fiber Connection
- Camera
- Emergency Call Box



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



## **MultiHaul™**

Point-to-Multipoint

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



## **EtherHaul™**

Street Level

Up to 1Gb  
Aggregated



## **EtherHaul™**

Rooftop

Up to 10Gb  
Full Duplex

## About Siklu

Siklu delivers multi-gigabit fiber wireless connectivity in urban, suburban and rural areas. Operating in the millimeter wave bands, its wireless solutions are used by leading service providers and system integrators to provide gigabit services, 5G fixed wireless and in safe city and smart city projects. Tens of thousands of carrier-grade systems are delivering interference-free performance world-wide.



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