WIRELESS SOLUTIONS DESIGNED FOR VIDEO
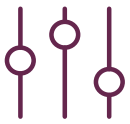
You won't believe its not fiber

Introduction

Protecting people and assets has always been a key objective for video security networks. In today's world video security nowencompasses public safety, crowd control, crime prevention and securing critical infrastructure. Most if not all of these use casesentail deployment outdoors on rooftops, light poles or other street furniture. For outdoor video security networks often there isno wired or fiber connection available where the camera needs to be placed.

The tools available for video security from VMS to the cameras themselves rely on high capacity, secure and reliable connections. With the advent of 4K and multi sensor cameras and analytics, the need for clear, high quality video is pushing data rates as highas 40Mbps per camera or sensor location.

Enter Siklu's mission critical mmWave wireless network systems offering reliability, unparalleled data rates, security and acomplete solution set of products and support for any scenario.

No Room for Mistakes

Video security networks are mission critical and as such the networks that support them must meet strict requirements. Siklu products with MTBF's measured in decades deliver reliable video streams with zero packet loss and virtually zero interference now or in the future.

Video Security thirst for bandwidth

Analytics using Artificial Intelligence or Deep Learning are extremely powerful tools to automate monitoring and review of the terabytes of video data produced every day. In order for these advanced tools to perform, they need every drop of raw data and it needs to be flawless. Siklu networks start at 100Mbps and ramp up to multi gigabit solutions providing all the capacity needed to enable AI in doing its job.
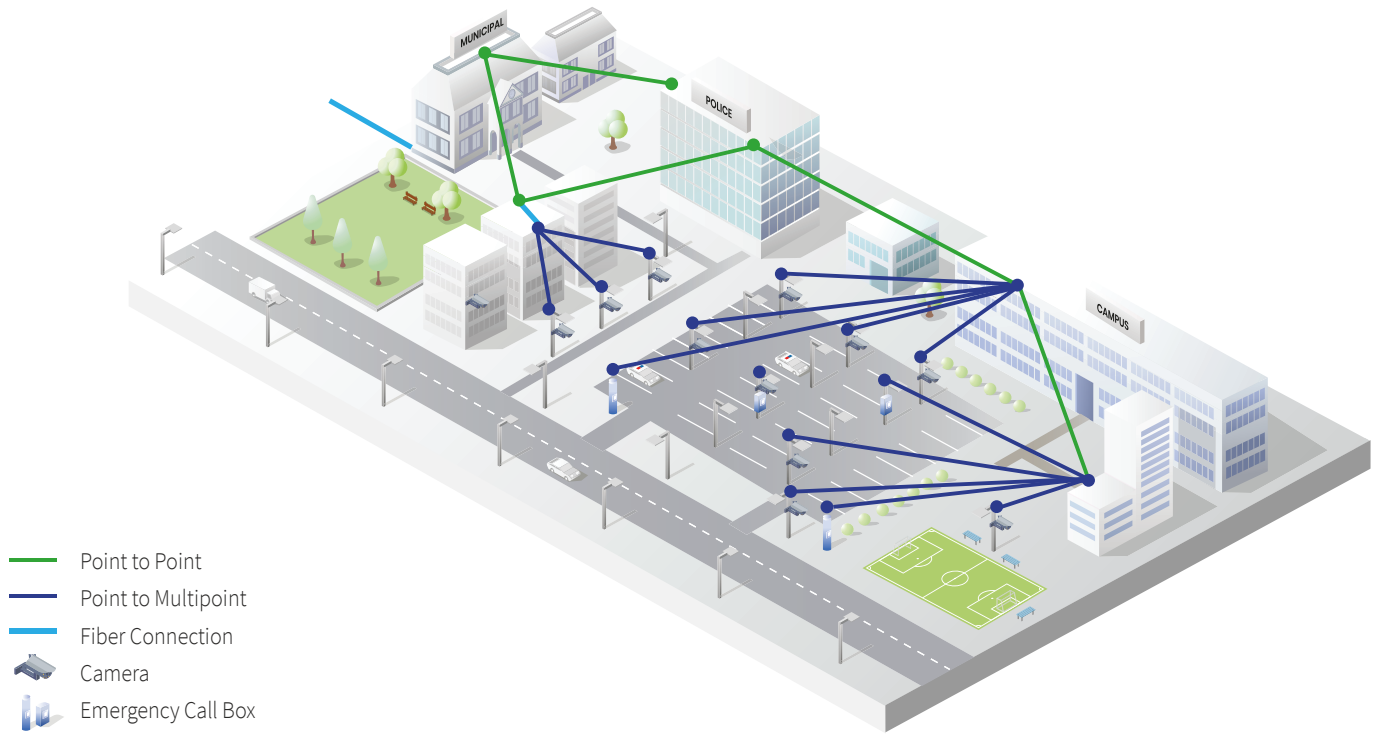
Security Security Security

Not only must the video security information stream be flawless, it must be secure. Offering encryption, and secure management access Siklu radios are used in the most sensitive and demanding applications. The radios themselves have also been shown to be virtually immune from hacking at an RF level. All of this has led to approval by multiple state and federal agencies for use of Siklu wireless networks in nuclear power plants and other types of critical infrastructure applications.
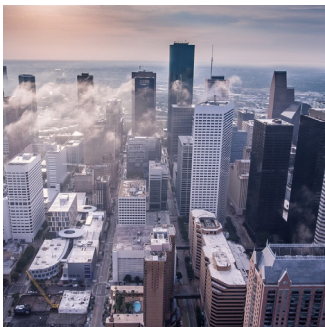
We have your Back

All the technology in the world is useless if it is not installed and used properly. At Siklu we stand with you to ensure success. Siklu offers an advanced suite of SaaS tools to design and operate the network. If these powerful yet simple to use tools are still not enough and you need more assistance Siklu has your back with a 24/7 Professional Services staff for both pre and post-sales support and design.

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

Buena Park Police
go wireless with Siklu's **mission critical** network designed for **99.999% availability**

Nuclear Power Plant
Hundreds of Siklu 60GHz point to point wireless links providing connectivity for several hundred thermal and optical cameras

City of Houston
upgraded low capacity 5GHz video network with Siklu's interference free Gigabit solutions

Irvine Valley College
chose Siklu to ensure no interference issues common with 5GHz and **immediately saw a drop in crime**

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

EtherHaul™

Street Level

Up to 1Gb
Aggregated

EtherHaul™

Rooftop

Up to 10Gb
Full Duplex

MultiHaul™

Point-to-Multipoint

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

MultiHaul™ 366

Mesh

60GHz Gigabit

**Siklu SmartHaul™ Network
Software Tools**