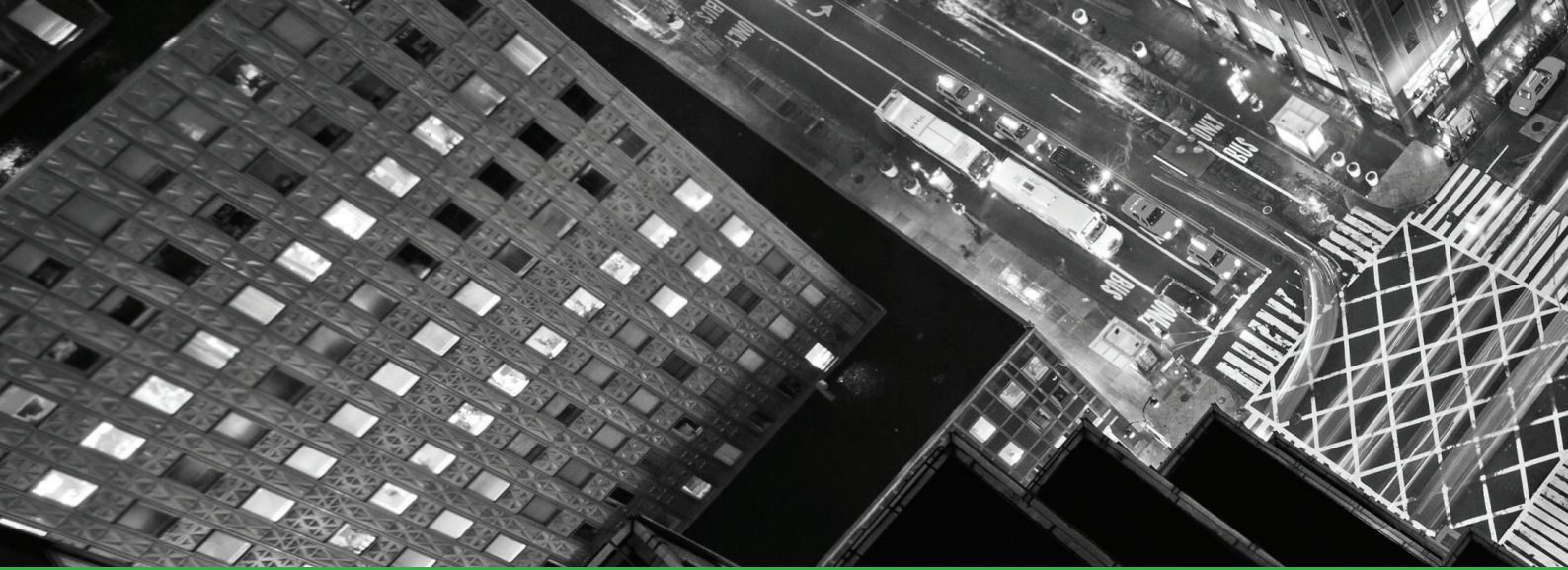**Deploy Gigabit everywhere and Now!**

Siklu

Hybrid Fiber Wireless (HFW)

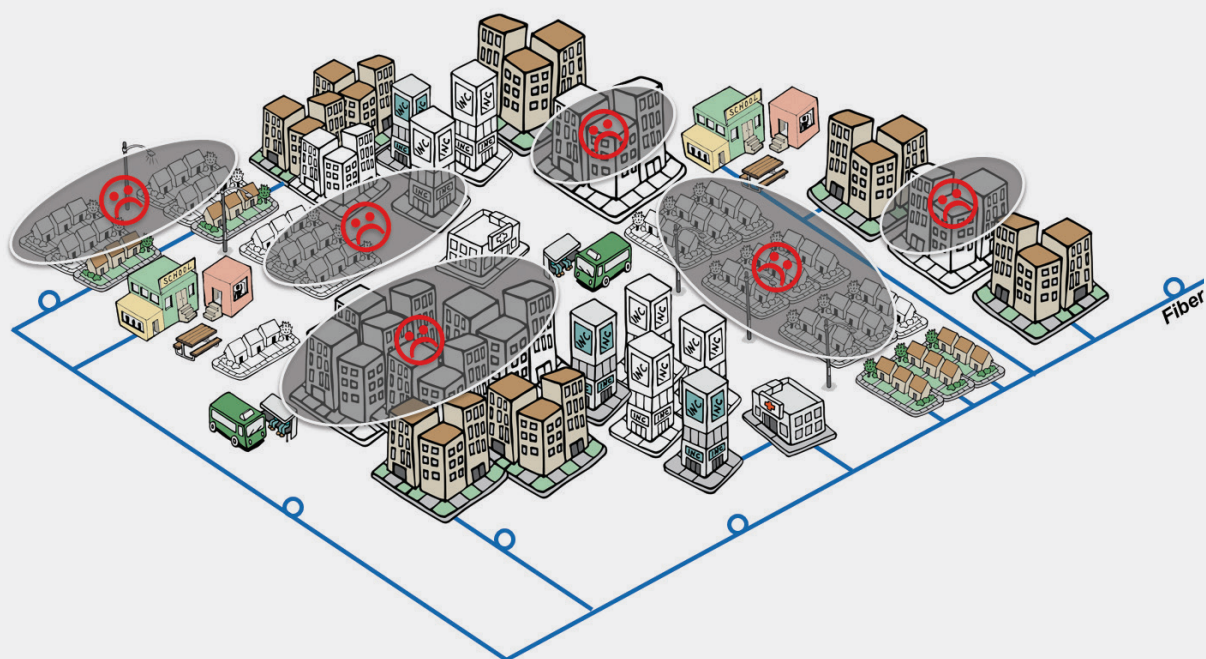Extend your fiber with fiber-like wireless.
Deliver gigabit service in no-time and at an unbeatable cost!

www.siklu.com

Siklu
Magic in the air

Building and Extending Your Fiber Networks

Fiber

Fiber is fundamental to any high-performance communication network.

In a city-wide deployment, a fiber only approach needs to address time and cost challenges. The business case to lay additional fiber becomes less feasible as you approach the edge of the network.

Adding fiber-like wireless connectivity to your toolkit introduces a new paradigm to swiftly provide fiber-grade services with a lower investment. We call this Hybrid Fiber Wireless or HFW.
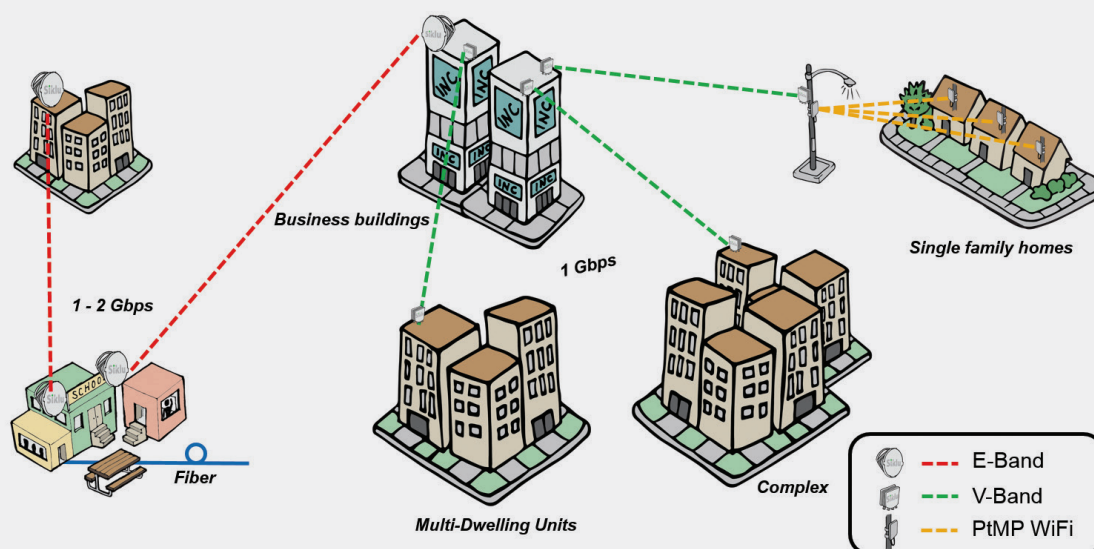
The benefits of Hybrid Fiber Wireless (HFW)

- **Fast** – extend your reach from existing fiber PoPs within days/weeks

- **Cost-effective** – fiber extension equipment is low cost, and there is virtually no OPEX

- **Flexible & Dynamic** – fits all network types (urban, commercial, rural) and scopes

- **Reusable** – once fiber is deployed, reuse your wireless equipment further extending your reach

Siklu radios provide a fiber-like wireless experience!

- Multi-Gigabit capacity
- Interference-free
- Small form factor
- Swift and seamless installation

How to implement HFW over your existing fiber network

- Reduce ROI by lighting nearby buildings from an existing PoP

- Enable new fiber deployment - leveraging new PoP for several locations

- Combine with other wireless technologies to serve Single-Family Houses

1 - 2 Gbps

Business buildings

1 Gbps

Single family homes

Fiber

Multi-Dwelling Units

Complex

- - - E-Band
- - - V-Band
- - - PtMP WiFi

Deploy HFW when need, upgrade to fiber when desire.

Applications:

1. MDUs and complexes
2. Enterprises and SMBs
3. Municipal buildings schools, libraries
4. Low income households
5. Single– Family Houses
6. Schools and Libraries

Deployment Options for Wide Range of Solutions

Street-Level / Buildings Cluster

- V-Band, 6 X 6 X 4" integrated antenna
- 1Gbps , up to 0.4 miles
- May be installed on lamp posts, traffic lights and building facades

Rooftop: Aggregation / Remote Buildings

- E-Band , 9.7 x 8.9 x 2.75", 1ft or 2ft antenna
- 2Gbps FD, up to 2 miles

Siklu products seamlessly integrate creating a residential end-to-end solution

- Full set of networking features that support any topology
  - Ethernet switches
  - Indoor and outdoor WiFi
- Interoperability with 3rd party vendors of in-building connectivity
  - Copper (XDSL and G.fast)
  - Coax

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