

The Siklu logo is located in the top left corner. It consists of the word "Siklu" in a white, sans-serif font, with a small green circular icon containing a white signal symbol to the right of the letter "i". The logo is set against a dark purple rectangular background.

**Siklu**

The main graphic of the page features a view of the Earth from space, with a network of blue lines and dots overlaid on the globe, representing a global communication network. The Earth's surface is partially illuminated by a bright light source, creating a glowing horizon. The background is a dark, starry space.

# **INTERNET ACCESS**

**Gigabit mmWave Down to the Last Mile**



## **From 56k to multi-Gigabit – It’s been a long and interesting journey for the Internet Access market**

The publicly-available, commercial Internet has been here for roughly 40 years, starting with DARPA net in the eighties. In those days dial up was the dominant technology, and if you were lucky you had access to 28.8kbps. It did not take long before people really started using the Internet, and the market rushed to upgrade and improve these connection speeds. Wireless was always one step behind. When DSL came about and offered Mbps, wireless was still delivering a few hundred kbps.

Today with Siklu mmWave, wireless has achieved parity with wireline or optical access networks delivering Gigabits to your doorstep. It is now truly a Gigabit world.



## **Applications are endless**

Internet Access is a broad term covering applications that we are familiar with, connecting business and residences to the Internet at large. As availability has expanded, so have the use cases. Today everyone and everything is either on the “Net,” or will be soon. And we will be connected all the time, everywhere.

Distance learning, 4k streaming video, ad hoc networks, and the ever growing work at home community are all pushing and demanding high speed Internet Access. This is only the beginning. Whenever a new tool is introduced to the world, smart innovative people come up with new applications, new business models that have never been considered before. Gigabit access is the latest tool and is the driving force behind the next wave of the “gig” economy.





## Your network is unique

Along with the explosion in the drive to deliver Gigabit services, comes an almost infinite number of network designs and topologies. Every wireless network has its own specific system needs based on tower locations, service delivery areas, proximity of tall buildings and trees, powering the network and more. The variety of topologies and uniqueness of each network are astounding.

To serve this wide open, highly demanding market you must have a broad selection of mmWave systems that can be designed in an almost infinite number of configurations. Siklu has the broadest portfolio of mmWave systems in the world. Point to point links supporting 1Gbps up to 10Gbps full duplex, point to multipoint products with terminal units the size of your smart phone, and our mesh product line ensures that no matter what your Gigabit needs, Siklu has the answer.

## mmWave and Fiber – a match made in heaven

Fiber is a key, leading component of any service provider's Gigabit strategy. But a strategy that relies on fiber alone will be expensive and time-consuming to deploy. Hundreds of miles of trenching equates to millions of dollars literally sunk in the ground. Enter mmWave wireless – the perfect complement to fiber and a way to “rise above it all.” With mmWave systems from Siklu, you can tap into your existing fiber plant and stretch it from a few hundred feet to miles – it is a true “pay as you grow” strategy and the most efficient way to cover new potential customers. With the right blend of mmWave and fiber, you can cost-effectively deliver the Gigabits your Internet Access customers demand, at a price they can afford – and which your bottom line demands.

# 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



[hello@siklu.com](mailto:hello@siklu.com) | [www.siklu.com](http://www.siklu.com)

Copyright © Siklu Communication Ltd. All Rights Reserved

