

Corporate & Campus Networks

Solutions: Corporate and Campus Networks

Corporate and Campus Networks often face a familiar problem; connecting multiple buildings in busy areas separated by obstacles such as roads, rivers and urban development. Traditional connections using Fibre Optic, Leased Line or Microwave radio can prove costly or incur unacceptable delays.

Wireless links overcome Digging restrictions for fibre optics

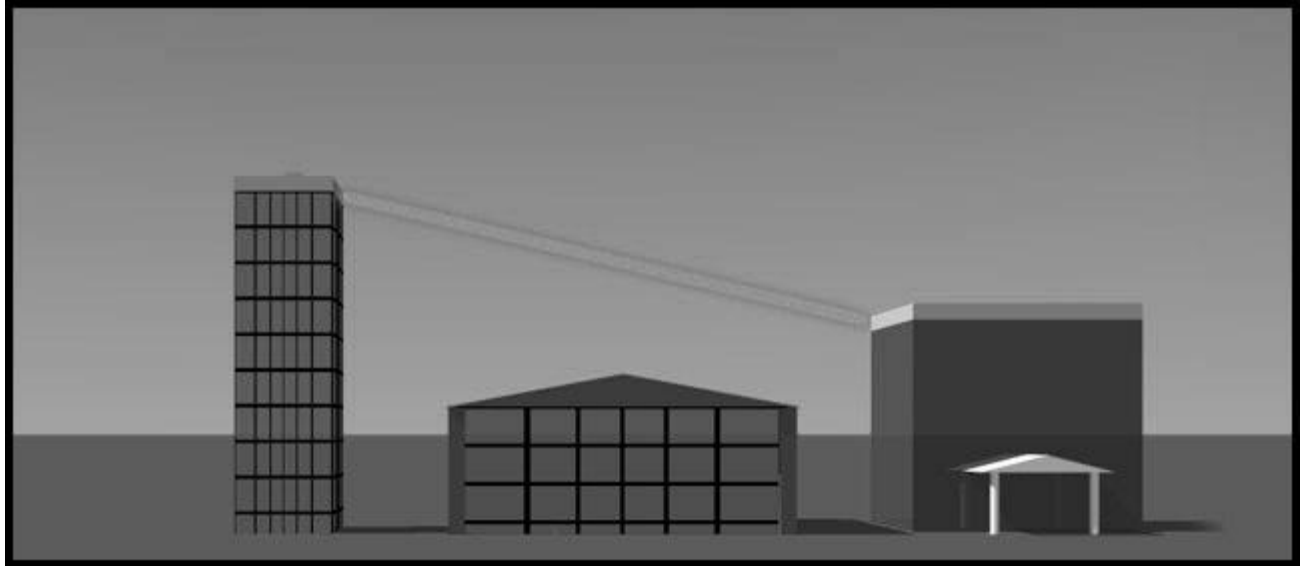
Digging public streets requires permission – “Wayleaves” – which may not be permitted in some busy city areas – or can take several months to arrange. Even on private land, many landlords will not allow permission to dig up business parks, car parks, roads to put in trenches for fibre optic cables

Wireless: An ideal backup resilience solution to Fibre Optics and Leased Lines

Many customers have fibre optic leased lines or circuits for connectivity. However these cables are fragile and are easily broken by other digging works, construction or site changes. Conversely, wireless links are installed at rooftop level hence any street-level disruption does not affect the rooftop wireless networking infrastructure, enabling uninterrupted communications despite street-level disruption.

Wireless is a Fast, Flexible and Reliable Solution

Skykart Solutions solves the problem with high-capacity, highly reliable wireless solutions with low cost of ownership. Skykart Solutions products offer up to 10 Gigabit capacity throughput and are installed in hours, not weeks. If a future “move” is required, the wireless links can be redeployed to other sites or locations where required



Skykart Solutions Campus Gigabit Wireless Network using Microwave, Free Space Optics (FSO) Millimeter Wave (MMW) or AC-MIMO radio

A Skykart Solutions solution offers the following features and benefits:

High performance:	Gigabit Ethernet (1.25Gbps) capacity using FSO, 10Gbps using MMW, 3Gbps using Microwave, 550Mbps using Radio links
Rapid Installation:	15 minutes deployable on tripods, 3 hours permanent installation is achievable
Highly reliable:	99.999% availability achievable
License-Free Operation:	No fees to pay on license free band
No monthly rental fee:	Low maintenance solution
Diverse Technology Options:	Complete range of FSO, Broadband Radio, Microwave, MMW, WiFi
Fully Manageable:	Advanced software tools
Resilient solutions:	1+1 and N+1 Hybrid resilient link options
Highly Secure:	Proven inherently secure technologies
Moveable asset:	Low Total-Cost-of-Ownership (TCO)
Safe & environmentally friendly:	Low disruption during installation

Skykart Solutions products are field-proven, with thousands of deployments. Excellence in performance and reliability are not sacrificed in providing highly competitive priced solutions together with a comprehensive range of support services.

For Further Information

For further information on Applications and Solutions for the range of Skykart Solutions wireless networking products please [Contact Us](#)

