



MRV Communications TS1000X FastE Link for Internet Access **CASE STUDY**



The Problem

- Private Residence Halls, part of the Steve Brown Companies in Madison, Wisconsin, provides high speed Internet access to all residents as a standard value add in their multi-tenant facilities
- As the user population has exploded due to increased rentals, bandwidth demand has escalated dramatically placing a heavy strain on existing unlicensed RF backhaul links

The Solution

System Support Solutions, Inc. of Orono, Minnesota was brought in to install an MRV Communications TS1000X 100Mbps Full Duplex Fast Ethernet Space Optics link

- Provides full duplex Fast Ethernet connectivity with zero latency, high security, and rapid ROI.

The Benefit: Provides very high performance, interference-free link...

- Achieve full 100Mbps full duplex throughput
- Highly secure (FSO was originally developed by the military for security reasons)
- Provides headroom for future connectivity requirements
- Low cost for high throughput at 420m link distance
- Trouble free, no interference potential

Application

Location: Madison, Wisconsin	
Protocol: Fast Ethernet	Data Rate: 100Mbps full duplex
Distance: 420 meters	Mounting: Outside sidewall, masonry structures