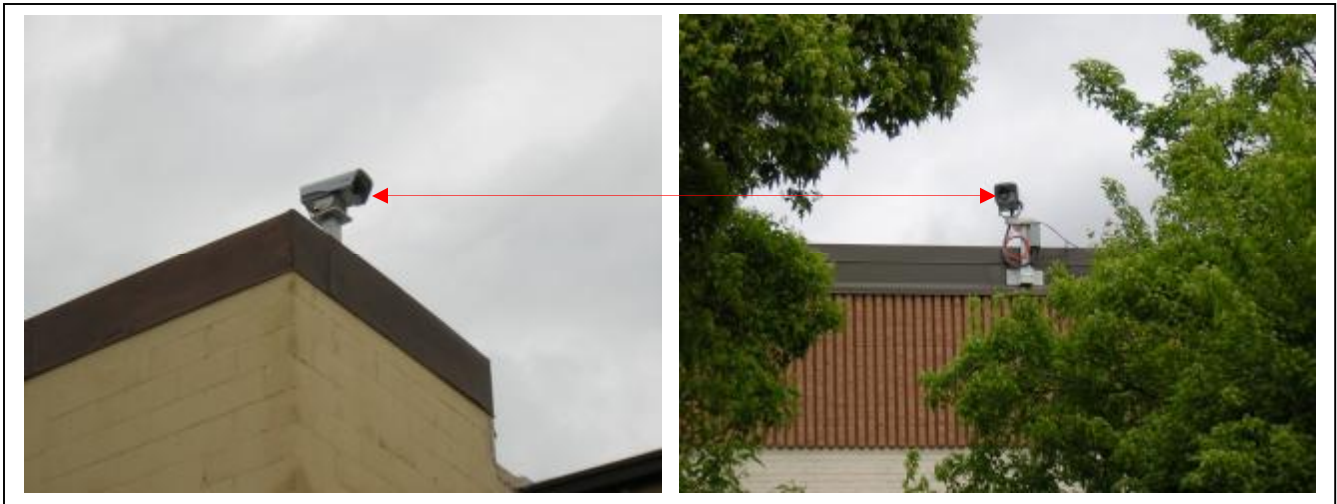




## Canobeam DT-130 *Active Aligned* GigE for Data + Voice **CASE STUDY**



### The Problem

- With the increased staff in an expansion facility 1km away and across a busy State Highway, Stratasys of Eden Prairie, MN needed to obtain a high-speed Gigabit Ethernet link for data (and voice over an advanced Toshiba IP Telephony deployment by Nova Communications).
- Cost, security, throughput, zero latency for the voice deployment, and potential interference issues pointed to an optical wireless vs. an RF or Telco solution

### The Solution

- System Support Solutions, Inc. of Orono, Minnesota was brought in to install a Canon DT-130 **GigE *Active Aligned*** Free Space Optics link
- Provides full duplex Gigabit Ethernet connectivity with zero latency, high security, and rapid ROI.

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

- Achieve full 1.25 Gbps 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 1km link distance
- Trouble free, no interference potential

### Application

|                            |  |
|----------------------------|--|
| Location: Eden Prairie, MN |  |
| Protocol: Gigabit Ethernet | Data Rate: 1.25 Gbps full duplex               |
| Distance: 1060 meters      | Mounting: Outside sidewall, masonry structures |