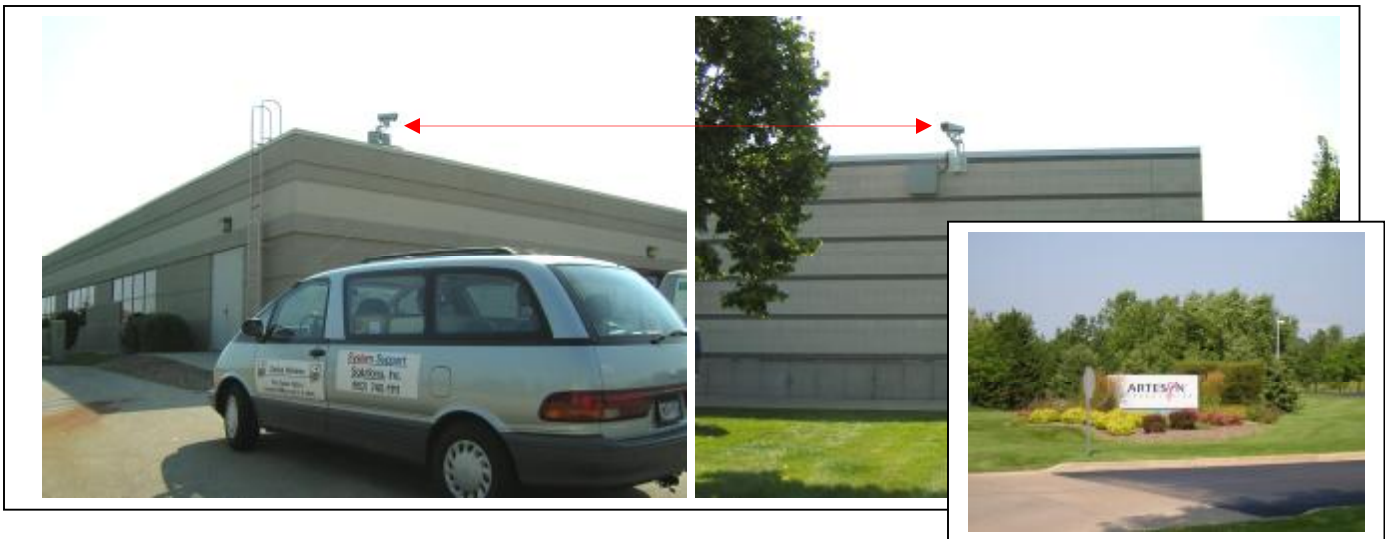




### Canobeam DT-130 ***Active Aligned*** GigE for Data

## CASE STUDY



#### The Problem

- With the increased staff in an expansion facility across the business campus, Artesyn of Madison, WI needed to obtain a high-speed Gigabit Ethernet link for data
- Cost, security, throughput, zero latency for future potential 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 up to 1km link distance
- Trouble free, active alignment, no interference potential

#### Application

Location: Madison, Wisconsin	
Protocol: Gigabit Ethernet	Data Rate: 1.25 Gbps full duplex
Distance: 200 meters	Mounting: Outside sidewall, masonry structures