



■ **SystemSupportSolutions.com**
Free Space Optics - Big Pipes... ***FAST!***



GigE @ 3.08km

CASE STUDY



CentraCare Health Plaza Clinic, St. Cloud, MN



St. Cloud Hospital, St. Cloud, MN

The Problem

CentraCare Health Systems in St. Cloud, MN wanted to create an offsite SAN mirror for the St. Cloud Hospital's data center at a remote facility: Health Plaza Clinic. Only problem: the Clinic was 3.08km west of the hospital and a minimum of a full duplex GigE connection was needed. The cost for this bandwidth from the local Telco was prohibitive.

The Solution

System Support Solutions, Inc. of Minneapolis installed an fSona 1250-M Free Space Optics link. Widely recognized as the long distance FSO champ, the four-beam 640mw 1250-M went in smoothly, and is providing solid connectivity today.

The Benefits:

The FSO link provides extremely high throughput at an affordable cost, eliminates ALL recurring costs, provides reliable connectivity for the SAN mirror data synchronization, is a "set and forget" solution that is easy to maintain and support.

Location: St. Cloud, MN	Organization: CentraCare Health Systems
Protocol: Gigabit Ethernet	Data Rate: 1250 Mbps Full Duplex
Distance: 3080 meters (1.92 miles)	Mounting: Outside sidewall, masonry buildings