



PRODUCT HIGHLIGHT

Optical Access model **TS-702** Free Space Optics solution provides full duplex 10 Mbps inter-building connectivity for Ethernet hubs, routers, and switches.

This short-run wireless link is an easy choice for any enterprise needing to connect off-net facilities to the LAN. Quickly installed, users are up in a couple of hours.

RESOURCE, INC.

Resource, Inc. is a Minneapolis, Minnesota based non-profit enterprise that assists a diverse client set of disadvantaged individuals with job training, placement services, etc.

One of the many challenges of an overall network upgrade was how to economically connect the main office site at 1900 Chicago Avenue in downtown Minneapolis and a second office site across the street with a high bandwidth link. The street posed an impenetrable obstacle to a fiber optic run, and the cost of a legacy point-to-point leased line as well as its limited bandwidth was not an attractive option.

and a 10 Mbps Free Space Optics optical wireless solution were considered.

Duong Wong, Resource Inc. Network Administrator, explained his decision,

"FSO provided 10 Mbps of throughput, while RF 2.4 GHz systems were typically running at 2-4 Mbps due to interference issues in the unlicensed frequency ranges. Also, FSO was less cost, more secure, and seemed simpler. And System Support Solutions installed the link on budget and on schedule."

The TS-702 10 Mbps link quickly provided Resource, Inc. with the high-speed connectivity they require for their expanding business, and at an affordable price.

Location: 1900 Chicago Ave. Minneapolis, Minnesota
Company: Resource, Inc.
Protocol: Ethernet
Data Rate: 10 Mbps
Distance: 100 meters
Mounting: Site A: Inside-shoot thru window; Site B: Outside corner of brick structure
Interface: CAT5 / RJ45 copper twisted pair

