

# Data at the Speed of Light

## OUR FIBER-OPTIC NETWORK

The Holland Board of Public Works (HBPW) owns and operates a fiber-optic network in the greater Holland area. This system was installed over fifteen years ago to improve communications between electric substations, and has expanded to service the local community.

Fiber optic data transfer works by sending laser light waves through glass or acrylic plastic fibers. Data transmission with fiber optics can exceed the fastest speeds available via DSL or cable because it travels faster and farther than an electric pulse through copper wire.

### Speed Comparison (per second at typical available speeds)

T1 Line	1.5 Mbps
DSL	3 Mbps
Cable	10 Mbps
<b>HBPW Fiber-Optic</b>	<b>1000 Mbps</b>

### About Our Internet Service Providers (ISP)

There are currently four ISPs (listed below) connected to our fiber network. Some ISPs also utilize our fiber network to provide services such as off-site storage and disaster recovery systems. Together, we provide reliable and affordable network solutions. \*



The Iserv Company  
888.644.7378  
www.iserv.net



West Michigan Online  
616.392.3698  
www.wmol.com



Sirus  
616.394.0558  
www.sirus.com



T<sup>2</sup> Communications  
616.355.2201  
www.t2comm.net

\* Please note, the HBPW is not an ISP and does NOT have a preferred ISP.

## OUR SERVICES

As our network has grown, we have been able to provide service to school districts, small and large businesses, municipal offices, medical offices and community service organizations. The HBPW provides two service options: Commercial Bandwidth and Dark Fiber.

### Commercial Bandwidth Option

This service provides an ethernet interface, at bandwidths from 0.5 to 1000 Mbps. Point to point ethernet can replace local T-1 circuits or dial-up networks. Additional nodes are available at discounted rates. We can also provide point to point bandwidth service from your building to one of our connected ISPs. Installation estimates, setup fees, and bandwidth rates are available upon request.

### Dark Fiber Option

We offer the option of using our fiber optic cable infrastructure on a lease basis. Dark fiber is leased on a per strand per foot per month basis, with an aggregate minimum of \$1000 per month. With miles of cable in place we can provide a fiber optic pipe between sites. This option allows the customer to design, install and maintain the electronic equipment required. Installation estimates, setup fees, and lease rates are available upon request.



### For Additional Information Please Contact:

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