

It's 1.25 gigabits per second, as the crow flies.



## Getting your Ethernet traffic from point to point just got faster and easier, thanks to our GigaMAN<sup>®</sup> solution.

Use your existing Ethernet LAN technology to send large amounts of data such as MRI images or CAD/CAM blueprints across town – or up to 180 miles away – in a fraction of a second. Without transport bottlenecks, without compromising your network. Now you can maintain high productivity with a cost-effective, high-speed, point-to-point Ethernet network solution that can handle the traffic – the GigaMAN solution from the AT&T<sup>®</sup> family of companies.

GigaMAN<sup>®</sup> service

 **Communication Systems  
International Incorporated**

 **Midwest 5 Star  
Solution Provider**  
★★★★★

# GigaMAN® service

No need to abandon your existing LAN technology for a more powerful network when you can get our GigaMAN service – Gigabit Ethernet Metropolitan Area Network.

## What is GigaMAN service?

GigaMAN service from the AT&T® family of companies is a fiber-based, point-to-point Gigabit Ethernet interconnection service that links local-area networks (LANs) within a metropolitan or regional area. It provides you with a 1.25 gigabit LAN/WAN extension of your Customer Premise Equipment (CPE) between two locations.

GigaMAN service uses Coarse Wavelength Division Multiplexing (CWDM) technology, a highly efficient way to keep your data moving fast. And repeater capability stretches the end-to-end distance of a circuit up to 180 miles. Customers also can choose between single-mode (SX) or multi-mode (LX) fiber hand-off for flexibility.

## Easy to use

GigaMAN service provides an easy and straightforward migration path for upgrading backbone networks to higher performance levels without major disruptions. Because GigaMAN service carries your LAN traffic in its native Ethernet format, it won't impact your existing LAN management systems or support software. GigaMAN service also interconnects with standard LAN devices. It's a single-protocol Ethernet, so it minimizes the need for additional equipment, protocol conversion and extensive training.

## Cost effective, secure

GigaMAN service saves on installation costs because it simply connects to your existing Gigabit Ethernet LAN or Ethernet-ready switch router. And there's no need to worry about additional network security issues. GigaMAN service securely contains your organization's data on your own private, dedicated facilities.

## Capable, reliable

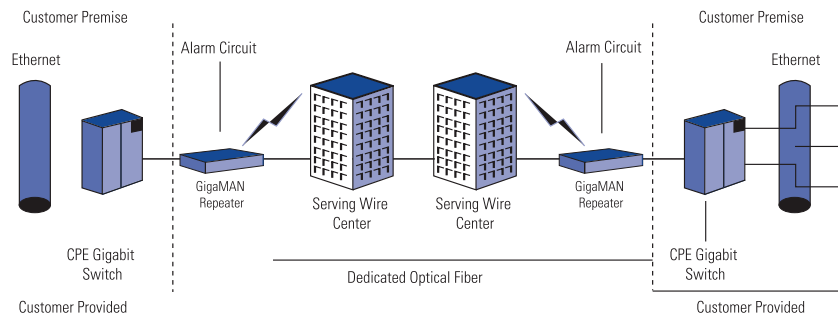
With GigaMAN service, you can expect high-speed performance and nearly error-free transmission of those bandwidth-intensive applications that are the core of your business. Users can transmit large files typical of document imaging, medical imaging, CAD/CAM systems, video conferencing and graphics applications in real time, without compromising the performance of the network. And GigaMAN service is not limited to one application – multiple applications can share the same link. Where technology and facilities permit, GigaMAN service can extend across the geographic reach of most LATAs.

Using optical transport and end-to-end network monitoring, GigaMAN service provides outstanding reliability. These features enable streamlined network maintenance, faster service and early detection of potential problems to keep your business operating smoothly.

And as with our best AT&T® PremierSERV<sup>SM</sup> solutions, our GigaMAN service includes network design, installation, transport, equipment, monitoring and maintenance.

## Optional features for network survivability

Protect your network – choose from three route-diversity options: local channel (loop), alternate wire center and inter-wire center. You can order inter-wire center diversity as a stand-alone option or in conjunction with alternate wire center or loop diversities.



Connect LANs across a campus or across a metropolitan or regional area with GigaMAN service.