Internet

Reliable and Flexible Solution for Your Business Data Requirements

All businesses today depend on internet connectivity, no matter what your specialty. There is increasing demand for bandwidth that is reliable and secure, especially if you happen to be involved in e-commerce, multimedia, or a number of other endeavors. **First Communications** can design and deliver a tailored solution for access that delivers the performance you need at a price you can afford, with the flexibility to upgrade as your business grows.

Connectivity can be delivered with several technologies, including T1 and Ethernet. Both are proven technologies that are widely utilized, but each has certain advantages over the other. Ethernet has much higher bandwidth, is highly scalable, and is a simpler technology. T1 service is more widely available, initially less expensive to provide service, and is a viable option for smaller businesses that don't need to scale bandwidth. The technology experts at First Communications can help you select the best connectivity solution for your business.

T1 Features

- **T1 & Bonded T1**

  Trusted technology that is available in most areas nationally.

- **Outgrown Your DSL or Cable Broadband?**

  Upgrade to the latest technology.

- **Need More Bandwidth?**

  Cloud applications need lots of bandwidth. T1 offers fast, symmetrical access with speeds from 1.5 to 12 Mbps.

- **Reliable & Secure**

  Guaranteed 99.9% network availability backed by a robust SLA.

- **Five-Star Support 24x7x365**

  Our experienced and responsive technical experts offer Five-Star customer support whenever you need it.

Benefits

Outgrown Your T1s?
Upgrade to the latest technology with simple and scalable Ethernet, delivered via Fiber or Copper. If your business needs more bandwidth, First Communications has the solution that you need for a price that your business can afford.

Need More Bandwidth?
Cloud applications need lots of bandwidth. We offer fast, symmetrical access with speeds up to 1Gbps.

Need to Reduce Costs?
Ethernet connectivity is up to 50% less expensive than comparable T1 or DS3 service.

Simplify Demands on IT Staff
Enables high quality for mission critical business applications like Voice over IP (VoIP), credit card transactions, and mission critical enterprise applications.

Highly Scalable
Easily grows with your business, and doesn't require additional equipment and capital expenditures.

Reliable & Secure
Up to 99.999% network availability backed by a robust SLA.
(for Premium Ethernet over Fiber)

Rapidly Deploy Using Existing Infrastructure
No need to purchase expensive equipment or replace circuits when upgrading service.

Five-Star Support 24x7x365
Our experienced and responsive technical experts offer Five-Star customer support whenever you need it.

First Communications®

Ethernet vs T1

Attribute	T1 and Bonded T1	Ethernet	Advantages
Bandwidth Type	Symmetrical	Symmetrical	
Speed	T1: 1.5 Mbps Bonded T1: 3-12.0 Mbps	3Mbps-1Gbps	Ethernet over Copper offers higher bandwidth at a lower cost
SLA	99.9% Uptime SLA	99.999% Uptime SLA (For Premium Ethernet over Fiber)	
Scalability	Requires additional equipment and is more costly	Customer premise equipment does not need to be changed for additional bandwidth	Ethernet scales better and less expensively than T1 or DS3 service
Reliability	Uses older link bonding technology. A problem with one line can impact the entire connection	Uses loop bonding technology. If one loop fails bandwidth remains available	Ethernet technology delivers more efficient bandwidth use and better reliability
Quality of Service (QoS)	QoS with VoIP	QoS with VoIP	
Connectivity	T1 is a form of internet connection	Uses Ethernet LAN Technology for simplicity and ease of device connectivity	Ethernet greatly simplifies device connections
Equipment	Requires equipment	Uses your existing infrastructure. Requires a lower cost router	Ethernet typically requires a lower cost router
Availability	Available nationwide	Available in OH,IL, MI. EoC is distance dependent EoF is not distance dependent	EoC has distance limitations, T1 and EoF does not.

About First Communications

First Communications is a leading technology solutions provider offering data networking, voice, and managed services throughout the Midwest.

Headquartered in Akron, Ohio and with a 24x7x365 Network Management Center in Chicago, First Communications is dedicated to pairing effective customer communications with next generation technology.

Combined with a strong focus on the customer experience and operational expertise, First Communications bridges technology with world class customer service.

For more information, call your local sales representative, or **800.860.1261**
www.firstcomm.com

★★★★★ The First Communications Five-Star Service Difference

We are **100% committed** to providing you with the highest level of customer service in the industry. To accomplish this, we provide you with a team of dedicated, highly trained and empowered specialists to ensure a Five-Star service delivery experience.

Here's how we are different:

We provide a Customized Solution
Your dedicated, highly experienced Sales Engineer will perform a thorough assessment of your current environment and service needs, and will work with you to design a customized solution.

You get a dedicated Project Coordinator and a smooth implementation
Your dedicated and experienced Project Coordinator will guide you through the implementation process, so that your custom designed solution is installed in a seamless and professional manner.

You get Five-Star support from a dedicated Client Relations Manager
After installation, your dedicated Client Relations Manager (CRM) will serve as a single point of contact. As your business and network needs grow, your CRM can assist with configuration changes, the addition of new locations, or any other support you might need.

First Communications®