AT&T Business

Leverage what you have today to build tomorrow's network

What would it mean if you had the ability to design a Service Provider network that will grow with your customers and give them the true flexibility to run large, diverse applications across town, across the state, or even globally?

That capability can be leveraged to seamlessly connect your small or enterprise business customers as if there was no distance between their offices, whether they are five, 500, or 5,000 miles away.

Meeting Your Networking Needs

You want to work with an Operator who can deliver fast data speeds, but you also need to provide access to the Internet and support other locations with different application requirements. The versatility of Ethernet can solve that by providing the high-

Potential Benefits

- Ethernet is universal technology with a familiar look and feel that makes it easier to connect and run

- AT&T Switched Ethernet is MEF Carrier Ethernet 2.0 complaint for E-Line, E-LAN and E-Access

- Supports application performance with virtual circuit speeds from 2 Mbps to 20 Gbps and switched and dedicated connections up to 100 Gbps. Well suited for bandwidth intensive applications like voice over IP, video, storage, and data center consolidation

Features

- Ethernet can be configured as a private line connecting two locations or a meshed network connecting hundreds of sites

- Whether small or large bandwidth, faster upload than download speeds, your options range from 2 Mbps to 100 Gbps

- Ethernet works and feels the same in the LAN, MAN or WAN so it's familiar and easy to deploy

speed, on-time performance you demand while acting as the on-ramp to both the Internet and your IP VPN network. Ethernet can transport your information so you can focus on your core business.

Technology is changing rapidly, and with that comes higher demands on your network that can push bandwidth requirements to its limits. Ethernet solutions from AT&T can scale as your needs grow and can expand geographically to accommodate that growth. You need a service that has a variety of bandwidth and configuration options that include switched, dedicated, or point-to-point solutions that can be changed with ease to meet your needs.

Businesses are moving away from time-division-multiplexed (TDM) services such as DS1 and DS3 circuits. Bursty, high bandwidth traffic is becoming the lifeblood of today's business and is being powered by Ethernet networks. Businesses require bandwidth flexibility, high performance, reliability, and security as their networks evolve from TDM services to IP-centric services. Ethernet opens the door to these new possibilities, allowing your customers' businesses to keep up with the changes.

The AT&T network is highly resilient – built on carrier-grade core routers interconnected with redundant diverse links using a Multiprotocol Label Switching (MPLS) core and supporting fast reroute (FRR). Our network is closely monitored to help ensure peak performance for your customers' most vital delay-sensitive applications. That means important traffic is prioritized and will cross the network in milliseconds. Speed, performance, and security are backed by service level agreements designed to provide the stability and continuity to meet your customers' needs

Build an Ethernet Arrangement for Any Size Business

- **Switched Ethernet for many sites.** Your customer may have two or more locations and may need a point to point, hub and spoke, or fully meshed network design. With Switched Ethernet, you can easily support growth from one to many sites and define which sites will communicate with each other. Switched Ethernet is a shared network arrangement that provides a low-cost, easy-to-build solution.

- **Dedicated Ethernet for concentrated heavy bandwidth use.** If you need heavy bandwidth between two locations, like data center to data center file transfers or building out your network infrastructure, you may require a high-bandwidth, reliable, highly secure, and cost-effective point-to-point link.

- **Hybrid networks that work together.** You may have hundreds or even thousands of locations, so it may not be practical to have a single technology like Ethernet. That's where a hybrid network solution is the answer. Both Ethernet and IP services offer you a range of choices for building a virtual private network and deliver capability to run multiple applications at remote locations, branch offices, and heavy bandwidth sites.

- **Ethernet access** is the fastest-growing access technology available today. While Ethernet is a technology and a network in itself, it's also the gateway to your IP VPN or Internet service offering.
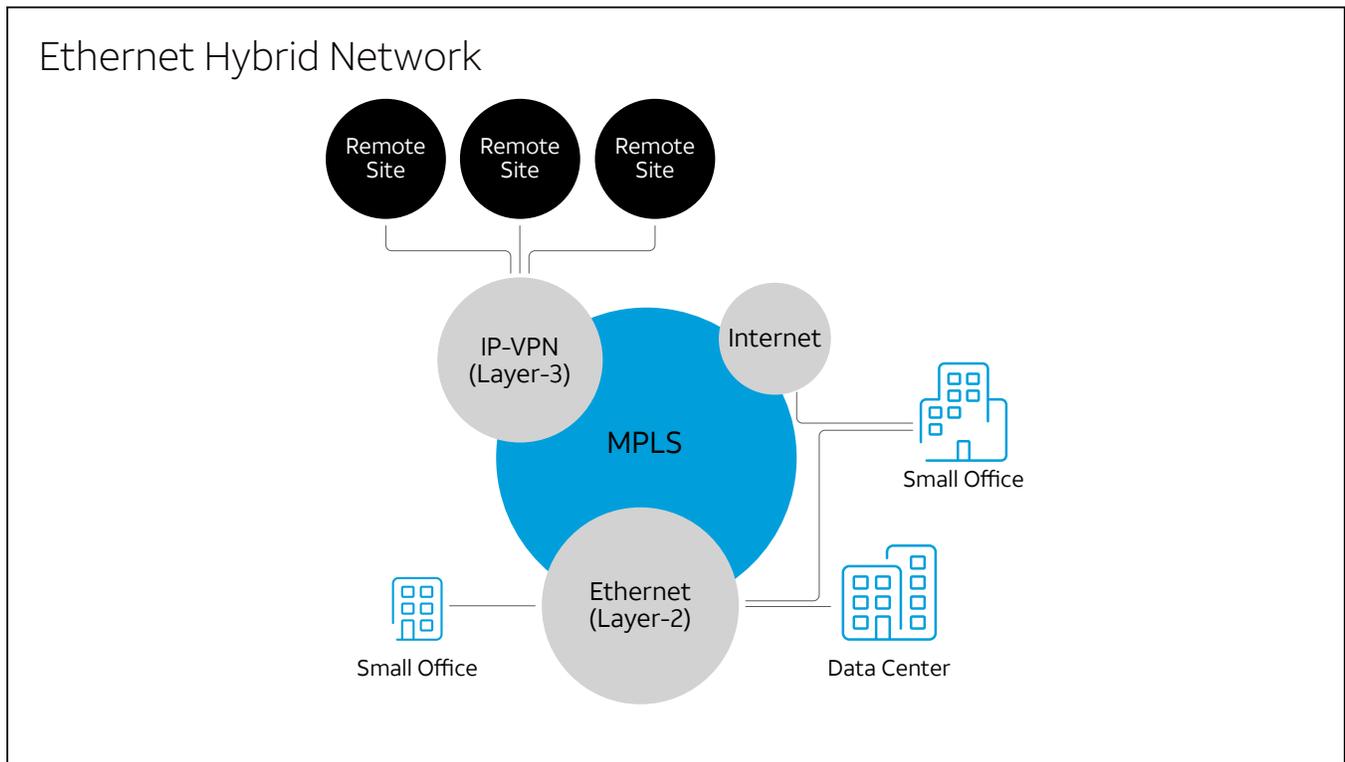
Performance, Agility and Control

AT&T Ethernet services deliver simplicity and connectivity to new and existing services, for ease of integration with emerging applications.

- **Performance.** AT&T offers 24x7 monitoring and management of your network to help ensure maximum performance, backed by Service Level Agreements for both switched and dedicated Ethernet.

- **Agility.** Ethernet is extended from your local area network to the metropolitan area network and across the wide area network, supporting simplified networking solutions around the globe.

- **Control.** With committed Ethernet data rates, you have virtually seamless control of networking applications with a simple, consistent transport technology across local, metropolitan, or wide area networks.

With tools like AT&T BusinessDirect and AT&T Business Center you can use an intuitive interface to take action in less time with fewer clicks and to access functions you need to manage, run, and grow your business

Ethernet Hybrid Network

Remote Site · Remote Site · Remote Site

IP-VPN (Layer-3)

Internet

MPLS

Small Office

Ethernet (Layer-2)

Small Office

Data Center

For more information about what Ethernet can do for you and choosing the right solution, contact your AT&T Representative, or visit us on the web at www.business. att.com/categories/ethernet-and-transport.html.