AT&T Data Services
AT&T Data Services for You and Your Customers

AT&T has been building and delivering mission-critical local and long-distance data services for wholesale customers for over 20 years. AT&T data services provide your company with flexible, reliable, high-performance and scalable solutions. These same services enable you to provide new technologies to your customers, and better manage your ever-changing needs.

AT&T Data Services
AT&T data services include a wide range of data options to meet all of your transmission needs. Our products enable you to purchase the speed, interface and quality-of-service appropriate for any given application. From around the block, to around the world, AT&T Data services can support your data needs. Options for AT&T data services include Dedicated Private Line, ATM, Frame Relay, SONET, Wavelength and Ethernet transport services.

AT&T Private Line Services
Private Line Point-to-Point Service
This cost-effective solution connects multiple sites with DS0 – OC192; STM 1, 4 and 16 interfaces.

Private Line SONET Ring Services
Included in these services are ACCU-Ring and Dedicated SONET Ring Service. These

Ethernet and Wavelength Solutions

BENEFITS
• Complete Solution – AT&T operates one of the most advanced telecommunications networks in the world. We are committed to delivering the services you need
• Cost savings – AT&T gives you the ability to converge your multiple networks into one
• Simplicity – Let us help you uncomplicate your data connectivity requirements. Because of our robust network, AT&T can serve your data transport needs, whether across the street or across the country
• Reliability – AT&T is one of the most dependable communication providers in the industry, offering 24x7 proactive monitoring of your business network
• Flexibility – AT&T’s line of Data services provides your business with tailored solutions to meet your ever-changing business requirements
• Experience – AT&T draws upon its years of experience to deliver comprehensive, reliable solutions to meet your communications needs
are fully-managed high-speed services that run on a SONET infrastructure and provide two-way digital transmission for all channel connections. Riding services can include Local Exchange Carrier and Interexchange Carrier lower speed Private Line, switched and enhanced services, as well as business premises-to-premises communications.

Multiplexing
Multiplexing allows you to combine lower-speed circuits onto a single higher-speed facility to gain economic efficiencies for your transport requirements.

Dedicated Entrance Facilities (DEF)
DEF provides a high-capacity, dedicated communication path between your premises and the AT&T local network node.

WaveMAN
This service is a cost-effective, local access private line point-to-point optical transport service that provides both 2.5 and 10 Gbps interfaces over a wavelength transport technology. Both OC48 and OC192 SONET interfaces are used at your premises to assure an industry-standard handoff. WaveMAN™ is a managed optical service that provides you with the transparent overhead needed to perform circuit monitoring and real-time provisioning of lower speed circuits riding the WaveMAN network. With WaveMAN Service you can implement cost-effective solutions that meet today's needs, while being prepared for tomorrow's possibilities.

Multi-Service Optical Network (MON) Ring
MON is a local access, dedicated, Dense Wavelength Division Multiplexing (DWDM) network capable of transporting 16 to 32 wavelengths over a single pair of fibers. MON Ring provides multiple interface options to meet your native data transport needs. It provides you with the ability to maintain a more efficient network by eliminating the need for expensive protocol conversion devices. In today's operating environment, you may use several data interfaces while transporting over a variety of networks. MON Ring allows you to transport your multiple signals over a single network.

AT&T Ultravable® Network, AT&T Ultravable Wavelength and AT&T Ultravable Managed OptEring Service®
These fully-managed custom solutions may be used by you and your customers to interconnect data centers and business sites in a Metropolitan Area Network (MAN) or Wide Area Network (WAN). Network design and engineering provide high levels of availability, reliability and security – helping to assure business continuity with continuous operations and access to critical information.

AT&T Frame Relay and ATM Services
AT&T packet services are ideal for secure, high-speed data transport that can quickly scale as your needs change. As a service provider, you can generate additional revenues by incorporating AT&T's powerful data services into your service offerings. You can also use these services to manage your internal business operations.

AT&T Frame Relay Service
This service is based on frame relay technology between your premises and AT&T's network edge switch. AT&T's Frame Relay Service uses an ATM core backbone for high-speed reliability, low congestion and consistent performance. Its rich feature set includes robust SLAs, AT&T ReliaBURST® for traffic spikes beyond your Committed Information Rate (CIR), virtually instantaneous re-routing around failures and Priority Egress Queuing (PEQ) to have the highest priority communications traverse the network first.

AT&T ATM Service
This service provides high-quality, high-speed transport with minimal delays for all of your high-bandwidth, real-time applications. High-bandwidth applications cross the network with ease, including: videoconferencing, medical imaging and high-quality video media applications.

AT&T Frame Relay to ATM Service
Inter-working and Network Inter-working
This service allows you to transmit data between AT&T Frame Relay and ATM ports.

AT&T IP-Enabled Frame Relay/ATM Service
This service combines the flexibility of IP networking with the security of AT&T's world-class Frame Relay/ATM network, helping you to maintain privacy on your (or your customer's) Frame Relay and/or ATM networks.

Network Gateway Interface (NGI) and International Network Gateway Interface (I-NGI)
These offerings provide the capability for you to expand the local, regional or global footprint of your network by connecting your Frame Relay/ATM to AT&T's Frame Relay/ATM Service.

AT&T DSL Access to Frame Relay
This service provides economical high-speed access by requiring no new customer investment in infrastructure or special equipment.

AT&T Customer Network Management System (CNMS)
CNMS provides a comprehensive Web-based network performance and monitoring tool, delivering robust trending reports on each port and PVC on your network.

AT&T Ethernet Private Line Services
GigaMAN
This service is a dedicated, fiber-optic, point-to-point Gigabit Ethernet transport service that provides you with a fiber-based link. You and your customers can take full advantage of your enterprise LAN speeds while transmitting data between sites within a metropolitan area. GigaMAN* transmits data in native Ethernet format at a rate of up to 1 Gigabit using the same transport protocol as your LAN. GigaMAN provides you with a private, dedicated, fiber-optic facility that is faster and more cost-effective than comparable technologies.
DecaMAN
This service is a dedicated, fiber-optic, point-to-point 10 Gigabit Ethernet transport service delivered over a Wave Division Multiplex (WDM) network that provides fiber-based continuity between your locations within the same local access area. DecaMAN* transmits data in native Ethernet format at a rate 10 times faster than GigaMAN, allowing you to transmit large files or video without downgrading your network performance. Because DecaMAN can interface natively with 10 Gigabit Ethernet based equipment, no special equipment or protocol conversion is required for your company to achieve efficient, high-capacity data transport.

Ethernet Over SONET (EOS)
EOS is an Ethernet port on AT&T’s Dedicated SONET Ring Service (DSRS) that enables a direct Ethernet connection to TDM-based services. EOS allows for traditional TDM-based services and Ethernet to be transported over the same SONET service, providing you with SONET QoS at port speeds of 100 Mbps and 1 Gigabit.

AT&T Ethernet Virtual Private Line and LAN Services
OPT-E-MAN
This is a switched optical Ethernet Metropolitan Area Network service that uses Multiprotocol Label Switching (MPLS) to transport your data within a metro area. The OPT-E-MAN* service supports end-to-end Ethernet transport for point-to-point, multipoint and point-to-multipoint configurations. Using both physical and virtual connections, OPT-E-MAN provides flexible bandwidth options – from 2 Mbps to 1 Gbps – to meet your growing Ethernet bandwidth requirements.

AT&T Southeast Metro Ethernet
AT&T Southeast Metro Ethernet service features point-to-point, multipoint and point-to-multipoint connectivity for customers in the Southeastern states of Alabama, Mississippi, Georgia, Kentucky, Louisiana, Florida, Tennessee, North Carolina and South Carolina. AT&T Southeast Metro Ethernet offers four classes of service (CoS): Best Effort, Business Critical, Real-Time (VoIP) and Interactive Video. The service also offers committed bandwidth options of speeds ranging from 2 to 1000 Mbps. Optional Carrier class SLAs are available on Network Availability, Actual Time to Repair, Latency, Pocket Delivery Rate and Jitter. AT&T Southeast Metro Ethernet also features a user-friendly customer network management capability, plus Quality of Service (QoS) configurations that support the transport of your converged applications.

AT&T BusinessDirect
AT&T’s data services are supported by our award-winning AT&T BusinessDirect* portal. This secure extranet site offers service management and reporting tools that enable users to manage their AT&T services and accounts.

AT&T Customer Premise Equipment (CPE) Purchasing Program
AT&T’s Connectivity Solutions team delivers the networking tools you need to simplify your network equipment purchases. Whether you are undertaking a broad network design, upgrading existing equipment or evolving to new technology, our team of experts will guide you through a solution tailored to meet your needs. AT&T also offers flexible leasing options through our Capital Services program which alleviates up-front capital outlay when deploying new equipment, eliminates equipment depreciation costs and simplifies equipment upgrades.

AT&T Facilities Check Tool
The AT&T Facilities Check™ tool enables you to submit an address inquiry for special access service and informs you whether that address is within 500 feet of a fiber path owned by one of the AT&T Incumbent Local Exchange Companies.* The Facilities Check tool is easy to use – just enter an address, click the search button and in seconds you
will get a response. The AT&T Facilities Check Tool can be found on our website: www.att.com/wholesale. Simply click on “SBC Wholesale Website and Business Tools” (right side of page), look under “Access Products” and “Business Tools” (left side of page), and click on the link for the tool.

*Although AT&T strives for accuracy, the information in the AT&T Facilities Check tool is not guaranteed to be accurate or timely. This tool may only be used under the conditions in the “Terms of Use” explained on the Facilities Check web site. Information must be verified through the normal ordering and pre-ordering processes.

For more information contact your AT&T Representative or visit us at www.att.com/wholesale.