AT&T Data Services

World Class End-to-End Data Transport Solutions That You Need to Grow Your Business!

AT&T’s extensive domestic footprint, combined with our new low cost structure, enable us to offer a portfolio of end-to-end data transport solutions that allow you to increase your operating margins while passing savings on to your end users.

At AT&T, it is no longer about simply transporting traffic, but about delivering innovative services and applications to our customers at more affordable prices than ever before!

Developing the right global business relationships to extend network reach and terminate traffic around the globe has never been more important. With Long Distance Data Services from AT&T, your data is transported securely through dedicated, end-to-end facilities with the benefit of a single point of contact for service and support on Total Service options, thus eliminating the need for multi-vendor provisioning.

**End-to-End Total Service Data Solutions – Metro to Long-Haul Connectivity**

Local-to-global network infrastructure lets customers combine their Metro Data Services and Long Distance Data Transport services for a complete service solution.

**Carrier Hotel Access**

Acquire access to advanced networking solutions with the performance, capacity and diversity you need combined with competitive pricing for both Data Transport Services, at transmission speeds from DS3 through OC192, and dedicated high-speed Internet access via our Managed Internet Services (MIS), at transmission speeds up to 10 GigE, to select Carrier Hotels throughout the U.S.

**LEC Mux**

Get competitive pricing for DS-X and OC-X Long Distance Data Private Line circuits, when one end of the circuit terminates on an access provider’s Local Exchange Carrier Multiplexer (LEC Mux), enabling you to serve your own sites or other customers with low-speed private line service, by aggregating those circuits to a single LEC Serving Wire Center.

**Service-to-Service Interconnect (STS1) Access**

Connect a DS-X or OC-X Domestic Data Private Line Total Service circuit to an optical Mux, a collocation cage in the LEC Serving Wire Center or a node on a Metro SONET Ring, with innovative pricing solutions that allow you to take greater advantage of your local network.

**Complete Service SONET Solution**

Obtain competitive pricing for new or existing metro SONET Ring nodes that are added at an AT&T POP, at transmission speeds from OC-3 through OC-48, enabling you to combine your special access SONET Rings and LD Data Transport services for a complete service solution.

**Optical Mesh Service**

AT&T’s Optical Mesh Service (OMS) allows you to build and administer your own baseline SONET network using the award-winning AT&T BusinessDirect® customer portal with port speeds up to OC-48. With Optical Mesh Service, you can define the connections and use them when you need them, rather than incurring the time and expense of waiting for new circuits to be provisioned. With fixed monthly charges and near real-time provisioning, you don’t have to worry about extra unexpected fees or long installation delays.

**Benefits**

- **Industry Expertise and Support** – AT&T’s sales, marketing and customer care professionals comprise a vertically specialized team that harnesses the strength of diversity to serve six distinct wholesale segments
- **Comprehensive Solutions** – AT&T delivers a full portfolio of end-to-end, reliable and highly secure network, data & IP total service solutions, offering scalable network infrastructure, pricing certainty, guaranteed availability and high-quality service to seamlessly expand your networks
- **Global Networking** – AT&T’s robust global network footprint, combined with an extensive U.S. domestic local network infrastructure enables you to procure comprehensive solutions from one source
intervals for new services, which allows you to maximize savings, increase availability and reduce costs.

Frame Relay and ATM Service
AT&T’s Frame Relay and ATM Services provide highly reliable, high-speed transmission of voice, data, video and multimedia applications over a single network, by supporting rapidly changing bandwidth demands through ReliaBURST®. AT&T’s powerful data services provide the performance, capacity, redundancy, diversity and efficiency that carriers demand. AT&T offers Local, Domestic and International Frame Relay and ATM Services with a robust set of features/options.

Frame Relay Service
This service simplifies current networks and allows you to upgrade bandwidth rapidly, connect your many sites and choose capabilities with ease. AT&T’s Frame Relay (FR) service uses packet-switching technology to route data over a public network. AT&T FR allows many-to-many end-point connectivity between local area networks (LANs) and wide area networks (WANs). FR bandwidth ranges from 56 Kbps to 45 Mbps/DS3 for port speeds and from 4 Kbps to 40 Mbps for Permanent Virtual Circuit (PVC) speeds.

ATM Service
This service offers a dedicated connection switching technology that organizes digital data into packets and transmits them using digital signals. ATM bandwidth ranges from 1.544 Mbps/DS1 to 622 Mbps/OC12 for port speeds and from 4 Kbps to 65 Mbps for PVC speeds, depending on the Quality of Service (QoS) class. Inverse multiplexing for ATM (IMA) is supported at speeds of 3.088 Mbps (2xT1) to 12.352 Mbps (8xT1).

IPeFR/ATM
IPeFR/ATM addresses the growing importance of IP-based networking and the increasingly distributed communications needs of businesses, while providing the service and security expected of Frame Relay and ATM. IPeFR/ATM provides a network-based IP VPN solution that uses MPLS technology to deliver robust IP-enabled networking.

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

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**Domestic LD Private Line Services**

DSX electrical connections provide end-to-end dedicated connectivity that allows a customer to use the entire circuit for a single, high-bandwidth application or to multiplex a DS-1/DS-3 circuit into multiple channels.

- **DS0** - (9.6, 56 and 64 Kbps)
- **DS1** - (1.544 Mbps)
- **DS3** - (44.736 Mbps)

**OCX (SONET)** provides a high degree of reliability and uses a portion of the bandwidth to provide management and protection capabilities.

- **OC3** - (155.52 Mbps)
- **OC12** - (622.08 Mbps)
- **OC48** - (2.448 Gbps)/Premium Service

Wavelength services use Dense Wave Division Multiplexing (DWDM) based optical technology and provide a high degree of flexibility allowing a customer to use the entire bandwidth of the facility.

- **OC48** - (2.448 Gbps)
- **OC192** - (9.953 Gbps)

**International Private Line (IPL) Services**

IPL provides dedicated bandwidth for data transmission between U.S. and non-U.S. locations, and intra-country transmission in specific Europe and Asia regions. All IPL services are carried over end-to-end digital circuits at speeds ranging from 56/64K (DS0) to 622M/STM4 (OC12), with STM-16 in controlled introduction for select countries in Europe and Asia (U.S. Out, Intra-Europe and Intra-Asia). IPL Service supports International SDH standards. Circuits can be land-based or can be provided by satellite in countries where local infrastructure is not available.

**Local Private Line (LPL) Services**

LPL provides IntralATA point-to-point digital data connectivity for out-of-franchise locations where AT&T has LNS network capabilities. Those areas include locations outside the AT&T ILECs’ 22-state footprint, as well as within those 22 states, in areas where AT&T is not the serving ILEC. LPL is available at speeds ranging from DS1 to OC192c.