AT&T International Services

AT&T Voice, Data and IP Services for the Global Market
AT&T’s award-winning global network and world-class portfolio of wholesale services will help you provide your end users with a comprehensive suite of Voice, Data and IP Services. Take advantage of AT&T’s broad network infrastructure to seamlessly expand your network reach and deliver richer service offerings to your customers worldwide.

AT&T Network Connection – International
AT&T Network Connection – International (ANC-I) is designed to meet the needs of internationally-intense U.S. based customers. ANC-I is an international outbound long distance service that provides unbundled transport of direct-dialed international calls. (Does not include Alaska, Hawaii, Puerto Rico, Guam and the U.S. Virgin Islands.) ANC-I is available via dedicated access and offers a simplified contract. You have the option of using either SS7 signaling or C7 signaling (which is only available at AT&T International Switching Centers). ANC-I service is backed by the quality, reliability and reach of the AT&T global network.

AT&T Global Voice Services
AT&T’s advanced worldwide voice networking infrastructure provides the foundation for an array of international voice service offerings – for both resale and your internal use.

AT&T Global Hubbing Service
AT&T Global Hubbing Service is a high-quality, international voice call termination service. AT&T’s legacy and expertise lies in the creation and maintenance of secure, reliable networks built for high performance. Our Global Hubbing service provides you with a dependable, cost-effective alternative to building and maintaining a network infrastructure for voice traffic. Our practice of employing uniform design principles will help you deliver a consistent, reliable user experience to your end users around the world.

AT&T Global Hubbing IP Access (GHIA)
AT&T GHIA provides an alternative access solution for Internet Service Providers and next-generation telecom companies who wish to connect to AT&T’s extensive IP network for termination of international voice calls. AT&T Global Hubbing IP Access is competitively priced and provides a simple IP access capability that

AT&T offers a comprehensive portfolio of local-to-global Voice, Data and IP Services to help you grow your business on multiple fronts. First, as a service provider, you have access to our powerful communications products to market to your customers. Now you also have the valuable opportunity to use these services to:

- Build and strengthen your own network infrastructure
- Manage and facilitate your internal business operations
- Enhance and complement your existing offer set with new value-added services

With our wide breadth of communications capabilities, AT&T is uniquely positioned to help you serve your customers, keeping both your business and theirs moving forward.
currently supports SIP and H.323 v.2 compliant platforms. You can access GHIA either through an IP connection to AT&T’s Internet backbone infrastructure or through your current Internet Service Provider.

**AT&T Global Data Services**
AT&T Global Data Services offer you the speed, interface and quality-of-service appropriate for any given data application—from around the block, to around the world.

**AT&T Data Private Line Services**
AT&T’s Private Line SONET Ring Services include ACCU-Ring® and Dedicated SONET Ring Service. Both are fully-managed, high-speed services on a SONET infrastructure and provide two-way digital transmission for all channel connections. Routing services can include lower-speed private line, switched and enhanced services and carrier traffic, as well as business premises-to-premises communications. Multiplexing allows you to combine lower-speed circuits onto a single higher-speed facility to gain economic efficiencies for your transport requirements.

**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.

- AT&T Frame Relay Service is based on frame relay technology between your premise 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 provides high-quality, high-speed transport with minimal delays for your real-time applications. High bandwidth applications such as videoconferencing, medical imaging and high-quality video media applications will cross the network with ease.

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

- AT&T IP-Enabled Frame Relay/ATM Service combines the flexibility of IP networking with the security of AT&T’s robust Frame Relay/ATM network, helping you to maintain privacy on your (or your customers) Frame Relay and/or ATM networks.

- International Network Gateway Interface (I-NGI) provides you with the ability to expand your Frame Relay/ATM network footprint by connecting to AT&T’s Frame Relay/ATM Service.

- AT&T DSL Access to Frame Relay provides you with economical high-speed access service without having to invest in new infrastructure or special equipment.

**AT&T Global IP Services**
AT&T’s global IP network offers far-ranging access for service providers worldwide. Through our extensive peering capacity, our global IP network infrastructure is truly optimized and offers broad site availability. The AT&T global IP network uses Multiprotocol Label Switching (MPLS) technology to integrate disparate networks and provide enhanced capabilities for managing hybrid environments.

**AT&T Global Managed Internet Service (GMIS)**
GMIS provides rapid and highly reliable Internet access backed by world-class customer support, around-the-clock management and dependable service availability. GMIS offers global reach and feature-rich, flexible solutions—all from a single source. Use these solutions to manage your business, build out your network infrastructure or to sell to your customers. Local language customer care is offered from AT&T HelpDesks in many countries.

**AT&T Global Managed Internet Service offers:**
- Extensive Internet access via Private Leased Line or wide-ranging reach via Frame Relay
- End-to-end management—from reviewing your Internet traffic patterns to recommending bandwidth
- Flexible billing—often in local currency
- Highly reliable customer care—around the world

**AT&T Wholesale Roaming Service**
AT&T Wholesale Roaming Service is a business-class Internet service offering for carriers and ISPs who want to expand coverage for IP Dial services, especially global roaming. Wholesale Roaming Service provides high-speed dial-up connectivity to users traveling globally using the AT&T IP dial-up network. This service offers an unbranded connectivity and transport capability which may be resold to your...
customers or used as an enhancement to your IP Dial services, allowing you to strengthen your network infrastructure. This remote access service is competitively priced and offers three custom feature options:

- Wholesale Internet Dial offers dial-up remote access, IP backbone connectivity and transport to the Internet.

- Wholesale Secure Dial Basic offers dial-up remote access, IP backbone connectivity and transport using dedicated egress to a customer-provided Intranet. Customers may elect to offer additional value-added IP applications and Internet access to their end users.

- Wholesale Secure Dial Premium offers dial-up remote access, IP backbone connectivity and transport using Frame Relay egress to a customer-provided Intranet. Customers may elect to offer additional value-added IP applications and Internet access to their end users.

Additional Services

AT&T BusinessDirect E-Services
AT&T’s award-winning BusinessDirect® e-services portal provides you with a highly secure Web-based reporting and servicing tool for ordering service, managing trouble tickets and viewing and analyzing your bills. BusinessDirect allows you to manage your voice, data and IP services on-line, which helps you to improve productivity, increase speed and accuracy of transactions and optimize network efficiency in near real time.

Pay 800 Service
Pay 800 Service enables your end users to direct-dial U.S. toll-free numbers (8XX) on a toll/paid basis. Your end user will be informed by a recorded announcement prior to call completion that he or she is placing a paid call billed at the prevailing ILD rate. You will subsequently bill your end user for a regular international long distance (ILD) call and the toll-free subscriber will be billed by its U.S. carrier for the U.S. portion of the call. AT&T will bill you the prevailing ILD settlement rate for all reported Pay 800 Service minutes.

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