

PRODUCT BRIEF

AT&T IP Flexible Reach

A Converged Network Solution

AT&T IP Flexible Reach (Flexible Reach) is a managed Voice over IP communication solution that supports inbound and outbound calling on your data network giving you local, U.S. long distance and international reach for your U.S. sites. With AT&T you gain the efficiency and economic benefits of network convergence for your organization.

How It Works

AT&T deploys fully configured gateway routers at your sites that transport both voice and data traffic. IP Flexible Reach works with both premises (PBX) and hosted IP Telephony (AT&T Voice DNASM) applications.

For your TDM or IP PBX, it connects to the router and continues to support your employees' calling needs. For AT&T Voice DNASM, your IP phones connect through the gateway router to the AT&T managed MPLS network providing the hosted IP Telephony services.

To help ensure business class voice quality, AT&T employs Class of Service 1, which prioritizes the voice packets for immediate transport. AT&T engineers perform advanced bandwidth management and implement traffic queuing priorities in the gateway router as part of the deployment process. AT&T IP Flexible Reach helps maximize the efficiency of your communications infrastructure. To help ensure your migration is smooth, we provide design, implementation and lifecycle management.

IP Flexible Reach is available within AT&T's business VoIP local footprint.

The IP VPN Foundation

AT&T IP Flexible Reach is supported on AT&T Managed Internet Service (MIS) and AT&T MPLS Private Network Transport Service (MPLS PNT), giving you IP VPN options that support your connectivity and bandwidth needs. These services provide access to the AT&T Global MPLS Network, giving you the foundation for seamless communications across your business with unparalleled reach, reliability and security

Calling Plans

- The Long Distance Plan provides unlimited on-net calling between your VoIP-enabled sites with competitive per minute long distance and international rates
- The Local and Long Distance Plan provides unlimited on-net and local calling with competitive per minute long distance and international rates
- The Local and Long Distance Package Plan provides unlimited on-net and local calling with a long distance package that includes competitive per minute international rates

Dialing Plans

- Standard 11 digit North American Numbering Plan for both general U.S. calls and for site to site calls
- Private Dialing Plans supporting International off-net calling and Local dialing
- Support of 411, 911, 8XX, 700, 900 or any free phone calling number with the local calling plan

Benefits

- Convergence of IP voice and data
- Voice quality and business class performance
- Single point-of-contact for all your networking needs
- Interoperates with digital TDM PBX and leading IP PBX systems
- Operational efficiencies and streamlined management
- 24x7 customer support
- Business Direct: e-bill, e-maintenance and e-ordering

Features

- In-bound and out-bound calling
- On-net calling between VoIP-enabled U.S. sites
- Flexible calling and dialing plans
- Dynamic bandwidth sharing
- Prioritization of voice across access and network
- Virtual Telephone Numbers (VTNs)
- Voice-quality SLAs
- Full Local service
 - DID/DOD and toll-free terminations
 - Local number portability
 - N11, 411, NPA 555-1212
 - Directory assistance
 - Caller ID with name
 - Operator services
 - Directory listing
 - 911/E911 service
 - Blocking options



Hardware & Software

AT&T provides the elements required to support connectivity with a traditional PBX or an IP PBX that has been certified by AT&T Labs. An AT&T managed router that is deployed with the data service is equipped with the appropriate software and hardware for your service.

Virtual Telephone Numbers

AT&T IP Flexible Reach supports both Local and Virtual Telephone Numbers (VTNs). VTNs enable you to assign a telephone number from anywhere within AT&T's business VoIP local footprint to a phone that is not physically located within your location's local calling area, allowing you to establish local visibility within that local calling area. VTNs provide flexibility for various applications including Centralized Call Delivery and Branch Office IP PBX Extensions.

Centralized Call Delivery allows you to assign VTNs from any local calling area within AT&T's nationwide Flexible Reach local footprint, allowing a single site to support telephone numbers from multiple local calling areas. You have the ability to centralize your call delivery by routing calls originating from various locations across the country and answer them at a central location.

Branch Office IP PBX Extensions provide you with the ability to assign VTNs for all the branch office sites supported by a single centralized IP PBX located at your IP Flexible Reach site. This capability provides the ability to use your existing IP data network to conveniently distribute the calls to your branch office sites. This configuration allows you to utilize the flexibility of your IP PBX to support IP phones in a "plug-and-play" manner without additional hardware.

Ensured Performance

Network performance – AT&T provides VoIP over a single converged IP network so that you can dynamically share bandwidth, count on reliable voice quality and be assured of better security protecting the privacy of your calls.

Service Level Agreements – AT&T provides Service Level Agreements (SLAs) for VoIP that reinforce our commitment to delivering business class voice service.

Web-based reporting – AT&T provides you with web-based performance reporting, call reporting, e-ordering, e-bill and e-maintenance features via the AT&T BusinessDirect® Portal.

