AT&T Dedicated Internet

Product Overview
Business-Class Dedicated IP Access with express service activation
AT&T Dedicated Internet express

Advantages and benefits for your business

**Express Installation:** Service can be activated at eligible locations within 30 or 60 days after AT&T completes a site visit. We’ll work closely with you to meet your due date. §

**Fast:** Dedicated fiber Ethernet access with symmetrical bandwidth (same upload and download speed) from 10 Mbps to 250 Mbps supports your most demanding applications.

**Highly Reliable:** A fault tolerant 100 Gbps IP Backbone with redundant core network architecture is designed for superior reliability, so you can conduct business over the Internet with confidence at all times.

**Commitment to Quality:** Others offer Service Level Objectives, but AT&T provides high reliability and high performance backed by *Service Level Agreements (SLA).* You are eligible for a credit if we miss our SLA.

**Flexible Billing Arrangements:** AT&T can help you save money either with a fixed rate plan, or with rates that can be adjusted to your data needs – ideal for businesses with fluctuating data volumes.

**Versatile:** You can use AT&T Dedicated Internet with your other existing services, or add AT&T VoIP, Wi-Fi access, and managed security services for a complete business solution.

§ Service Delivery can begin when AT&T receives certain customer provided information. Please ask your AT&T Sales representative for details.
AT&T Dedicated Internet express

Add other services for an integrated business solution

### Voice Over IP

AT&T IP Flexible Reach is a SIP trunking service that integrates seamlessly with AT&T Dedicated Internet express and supports IP PBX, TDM PBX, or Key System environments. Enhance productivity and help reduce costs with this feature-rich, flexible VoIP service.

[Click here for more information](#)

### AT&T Wi-Fi

Provide your customers with high quality, easy-to-use Internet access while giving employees password protected access to internal company email and other business applications. You can manage the service yourself or choose from several AT&T-managed options.

[Click here for more information](#)

### Cloud Web Security Service

Provides a cost effective solution which enables organizations to help reduce risk against web and network level advanced threats and data loss, and helps enforce situational policies across the extended perimeter. Cloud Web Security delivers the same global threat protection, universal policy, and scalable web and network security across on-premises appliances, cloud services and hybrid deployments.

[Click here for more information](#)
Wi-Fi can . . .

**Connect** your back office applications and systems to improve operational efficiency

**Create** new interactions with your customers via a customized welcome page that can provide important information about your business

**Enhance** your ability to differentiate your business in a competitive marketplace

Your customers want it. And so do you!
AT&T Wi-Fi Enterprise product overview

- Supports multiple Access Points
- Self-Install or professional install options
- Highly secure customer back office network
- 24/7 network status and support
- Can support businesses with multiple locations
- URL filtering
- Customizable Wi-Fi connection pages with background image, log-in and message of the day
- Three billing levels (single, group and venue)
- Reporting
AT&T Cloud Web Security Service

Malware protection
- Inline content inspection and malware protection
- Web policy enforcement
- Granular web 2.0 application controls

Internet delivered service
- Easily deployed and scaled to users globally
- Designed to update against latest threats
- Cost effective service/maintenance

Actionable intelligence & reporting
- Granular reporting from virtually any location
- Unified reporting on all users
Content analysis engine

Takes input from various sources to look for threats

- ProxySG appliance
- Secure web gateway
  - Virtual appliance
- Web security service
- Mobile device security service
- K9
- Third Party
- Packetshaper
- Cache flow
AT&T Dedicated Internet express is IPv6 enabled

**What is IPv6?**

IP (Internet Protocol) defines how computers communicate over a network. IPv4 has been used for many years, but IPv4 addresses were exhausted in 2012 due to the explosive growth of the internet. IPv6 is the newest version, designed to replace IPv4.

**What is Dual Stack?**

“Dual Stack” refers to a network that enables you to send and receive both IPv4 and IPv6 data.

<table>
<thead>
<tr>
<th></th>
<th>IPv4 Host</th>
<th>IPv6 Host</th>
<th>Dual Stack Host</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPv4 User</td>
<td>✓</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>IPv6 User</td>
<td>×</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Dual Stack User</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**Why is IPv6 Dual Stack important?**

In a Dual Stack network, everyone can communicate with everyone. ADI is IPv6 Dual Stack enabled and ready to meet your current and future internet needs.
### AT&T Dedicated Internet symmetrical service

#### Why it’s better for business

<table>
<thead>
<tr>
<th>Which would you rather have?</th>
<th>Consider...</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AT&amp;T Dedicated Internet Symmetrical 50M/50M</strong></td>
<td>Broadband asymmetric may be OK for home use where downloading is the key requirement.</td>
</tr>
<tr>
<td><strong>Broadband Asymmetrical 50M/25M</strong></td>
<td>Business needs are different. Upload and download speeds are equally important.</td>
</tr>
</tbody>
</table>

**Download**
- AT&T Dedicated Internet Symmetrical 50M/50M
- Broadband Asymmetrical 50M/25M

**Upload**
- AT&T Dedicated Internet Symmetrical 50M/50M
- Broadband Asymmetrical 50M/25M

**Off-peak**
- AT&T Dedicated Internet Symmetrical 50M/50M
- Broadband Asymmetrical 50M/25M

**Peak**
- AT&T Dedicated Internet Symmetrical 50M/50M
- Broadband Asymmetrical 50M/25M

AT&T Dedicated Internet provides a consistent upload and download speed no matter how many people use it.

Broadband asymmetric uses a shared domain; performance suffers as more people use it.

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AT&T MPLS IP network

Engineered for performance and reliability

AT&T Dedicated Internet express includes these industry-leading Service Level Agreements:
- Service Availability: 100%
- Data Delivery: 99.95%
- Roundtrip Latency: <=37 ms (U.S. domestic)
- Jitter: 1 ms or less
- 30/60 day on-time installation for eligible sites

We update our IP network performance statistics every 15 minutes so you can see how YOUR network is doing.

Check it out!

www.att.com/ipnetwork

Advanced MPLS architecture gives AT&T the edge in network performance and reliability!
AT&T network disaster recovery team

Your assurance of business continuity

AT&T can restore functionality of our Network Nodes within hours or even minutes of catastrophic events such as hurricanes, tornadoes or other service affecting disasters

AT&T has invested $300M in more than 150 specialized support vehicles containing all networking equipment, power and environmental systems to provide service until permanent repairs are completed

Disaster Recovery exercises are conducted frequently to ensure we are READY to restore communications for YOU should a catastrophe occur!
Optimal IP network performance for your business

**KEY FEATURES**

An easy-to-use website for you to:
- Monitor bandwidth utilization and other performance metrics
- Invoke Operational Contingency plans
- View current and historical invoices

Highly secured access with:
- Secure Sockets Layer (SSL) encryption
- Validation of every transaction
- Servers housed in state-of-the-art data centers
- A mirror-image production site for disaster recovery

Extensive online support including:
- Tutorials
- Videos
- and FAQs
Usage-based plan for your changing business needs

AT&T’s flexible billing plan for AT&T Dedicated Internet express can help you save money with rates that adjust to your data needs

You always have full use of your Internet port speed, but pay based only on what you actually use each month

• You select a Minimum Bandwidth Commitment (MBC) level billed at the same cost effective rate every month
• You pay a usage fee if you exceed your MBC
• The MBC can be adjusted up or down, at no charge, to meet changing business needs

AT&T also supports fixed rate billing if you prefer a flat monthly charge

Ideal for businesses that need temporary increases in bandwidth to support occasional higher volumes of data
50 Mbps Ethernet Access with 50 Mbps AT&T Dedicated Internet Port and 10 Mbps AT&T Dedicated Internet Minimum Bandwidth Commitment (MBC)

- Suppose you need 10 Mbps most of the time, but as much as 50 Mbps at the close of every calendar quarter
- AT&T would provide a 50 Mbps Ethernet local access, a 50 Mbps AT&T Dedicated Internet port, and set the AT&T Dedicated Internet Minimum Bandwidth Commitment = 10 Mbps
- You’d pay a flat rate for 10 Mbps AT&T Dedicated Internet MBC, and an Incremental Usage fee for data volume > 10 Mbps. In this example, let’s assume the total sustained usage for the month = 12 Mbps
### AT&T Dedicated Internet express – usage based billing

**50 Mbps Access, 50 Mbps Port, 10 Mbps MBC**

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Mbps Ethernet local access</td>
<td>$ 750</td>
</tr>
<tr>
<td>10 Mbps Dedicated Internet Minimum Bandwidth Commitment (MBC)</td>
<td>$ 218</td>
</tr>
<tr>
<td>Monthly Fixed Rate</td>
<td>$ 968</td>
</tr>
<tr>
<td>Incremental Usage Fee</td>
<td>$ 36</td>
</tr>
<tr>
<td><em>(12 Mbps sustained – 10 Mbps MBC = 2 Mbps Usage x $18 per Mbps)</em></td>
<td></td>
</tr>
<tr>
<td><em>Total Monthly Charge</em></td>
<td>$ 1,004</td>
</tr>
</tbody>
</table>

*Sample pricing. Actual charges may vary.*
50 Mbps Ethernet Access with 50 Mbps AT&T Dedicated Internet Port and 50 Mbps AT&T Dedicated Internet Minimum Bandwidth Commitment (MBC)

- Suppose you need to have the same amount billed monthly
- In this example, AT&T provides a 50 Mbps Ethernet local access, a 50 Mbps AT&T Dedicated Internet port, and sets the AT&T Dedicated Internet Minimum Bandwidth Commitment = 50 Mbps
- Since the AT&T Dedicated Internet Minimum Bandwidth Commitment = AT&T Dedicated Internet Port speed, there are no Incremental Usage fees (as in the example on the previous page), so you’d pay a fixed rate for 50 Mbps every month
**AT&T Dedicated Internet express – fixed rate billing**

**50 Mbps Access, 50 Mbps AT&T Dedicated Internet Port, 50 Mbps MBC**

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Mbps Ethernet local access</td>
<td>$ 750</td>
</tr>
<tr>
<td>50 Mbps Dedicated Internet Minimum Bandwidth Commitment (MBC)</td>
<td>$ 626</td>
</tr>
<tr>
<td>Incremental Usage Fee – Not applicable</td>
<td>$ 0</td>
</tr>
<tr>
<td><em>(MBC = AT&amp;T Dedicated Internet Port speed)</em></td>
<td></td>
</tr>
<tr>
<td><em>Total Monthly Charge</em></td>
<td>$ 1,375</td>
</tr>
</tbody>
</table>

*Sample pricing. Actual charges may vary.*