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AT&T Response to Georgia Technology Authority's RFP #98000-00000-4666 for Network Services

Service Catalog

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Section 1: Data Circuits for Wide Area Networking (Corporate Dedicated Circuits)

- 1.1 AT&T Switched Ethernet
- 1.2 AT&T Managed Router Solutions



1.1 AT&T Switched Ethernet Classic (ASE Classic) and On-Demand (ASEoD) Service

Description

AT&T Switched Ethernet (ASE) is a Layer 2 transport service that transmits Ethernet traffic among multiple locations that provides Point to Point or Multipoint configuration options. AT&T Switched Ethernet uses industry-standard native Ethernet interfaces, and offers speeds ranging from 2 Mbps to 100 Gbps with a variety of Class of Service (CoS) options.

ASE uses a carrier-grade, Multiprotocol Label Switching (MPLS) backbone network to transmit Ethernet traffic. This network makes the AT&T Switched Ethernet Service highly reliable; in fact, the service provides network availability and data performance Service Level Agreements (SLAs).

ASE offers a feature capability for Network on Demand, which provides an ability to provision and scale bandwidth from a client facing portal. AT&T Switched Ethernet Network on Demand (ASEoD) provides user-friendly, web-based network configurations and management. Think of Network on Demand as a feature associated with our ASE architecture.

With ASEoD customers are able to:

- *Meet peak needs* - Ramp up your bandwidth when you need it for special events, projects or tests via access to our ASEoD customer portal
- *Reduce costs* - Ratchet down your bandwidth during slow periods such as vacations or holidays via access to our ASEoD customer portal
- *Reconfigure network* - Make changes to your topology and EVC configurations in near real time via access to our ASEoD customer portal

ASEoD integrates with the AT&T Business Center self-service web portal, which allows you to configure Ethernet Virtual Channels (EVCs), change bandwidth, and view billing information for your Network on Demand sites.

How it Works - ASE provides data transport via fiber optics and a switched Ethernet core network and uses two types of routing. Port-based routing service sends data to Ethernet Virtual Channel (EVC) ports, regardless of Virtual LAN (VLAN) tags, and VLAN-based routing sends Ethernet frames according to VLAN instructions. Port connections are available at 100 Mbps, 1,000 Mbps (1 Gbps), 10,000 Mbps (10 Gbps) and 100,000 Mbps (100G). Physical ports offer a range of Committed Information Rates (CIRs) from 2 Mbps to 100 Gbps.

The Software Defined Networking (SDN) controller in the network architecture automates network provisioning and orchestrates changes across devices, locations, and services. To process user-generated network and service changes, the controller electronically routes requests from the self-service, ASEoD customer portal directly to the pertinent network elements and activates services and changes, often within minutes.

Features and Benefits - AT&T Switched Ethernet on Demand (ASEoD) gives you these features:

- Five Classes of Service (CoS) with Service Level Agreements (SLAs)
- Dynamic Bandwidth Speeds of 2 Mbps to 100 Gbps
- A Self-Service Portal with near-real-time provisioning, network scaling and management
- Flexible Configurations—We offer three configurations: Point-to-Point (between two ports), Point-to-Multipoint (hub-and-spoke design: virtual connections to remote sites), or Multipoint-to-Multipoint (three or more ports: any-to-any connectivity)

AT&T Service Guide Link for Additional Product Information

<http://cpr.att.com/pdf/commonEthServGuide.html>

http://cpr.att.com/pdf/publications/Inside_Wiring_Service_Guide_Attachment.pdf

http://cpr.att.com/pdf/service_publications/EFC_Attachment.pdf



AT&T Switched Ethernet – ASE Classic and ASEoD Pricing

Business Critical Medium Class of Service

Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
2Mbps	\$296.82	\$0.00
4Mbps	\$298.79	\$0.00
6Mbps	\$302.17	\$0.00
8Mbps	\$304.43	\$0.00
10Mbps	\$310.06	\$0.00
20Mbps	\$314.57	\$0.00
50Mbps	\$339.94	\$0.00
100Mbps	\$444.03	\$0.00
150Mbps	\$486.40	\$0.00
250Mbps	\$525.98	\$0.00
400Mbps	\$595.28	\$0.00
500Mbps	\$641.08	\$0.00
600Mbps	\$654.51	\$0.00
1Gbps	\$724.51	\$0.00
2Gbps	\$815.65	\$0.00
2.5Gbps	\$916.45	\$0.00
4Gbps	\$1,160.02	\$0.00
5Gbps	\$1,356.34	\$0.00
7.5Gbps	\$1,604.62	\$0.00
9.5Gbps	\$1,891.55	\$0.00
10Gbps	\$1,939.41	\$0.00
>10Gbps	ICB	ICB

Non-Critical High Class of Service

Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
2Mbps	\$281.98	\$0.00
4Mbps	\$283.85	\$0.00
6Mbps	\$287.06	\$0.00
8Mbps	\$289.20	\$0.00
10Mbps	\$294.56	\$0.00
20Mbps	\$298.85	\$0.00
50Mbps	\$322.95	\$0.00



Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
100Mbps	\$421.83	\$0.00
150Mbps	\$462.09	\$0.00
250Mbps	\$499.69	\$0.00
400Mbps	\$565.52	\$0.00
500Mbps	\$609.02	\$0.00
600Mbps	\$621.80	\$0.00
1Gbps	\$688.29	\$0.00
2Gbps	\$774.87	\$0.00
2.5Gbps	\$870.62	\$0.00
4Gbps	\$1,102.03	\$0.00
5Gbps	\$1,288.53	\$0.00
7.5Gbps	\$1,524.39	\$0.00
9.5Gbps	\$1,796.97	\$0.00
10Gbps	\$1,842.45	\$0.00
>10Gbps	ICB	ICB

Business Critical High Class of Service

Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
2Mbps	\$311.66	\$0.00
4Mbps	\$313.73	\$0.00
6Mbps	\$317.28	\$0.00
8Mbps	\$319.65	\$0.00
10Mbps	\$325.57	\$0.00
20Mbps	\$330.31	\$0.00
50Mbps	\$356.95	\$0.00
100Mbps	\$466.23	\$0.00
150Mbps	\$510.73	\$0.00
250Mbps	\$552.28	\$0.00
400Mbps	\$625.05	\$0.00
500Mbps	\$673.13	\$0.00
600Mbps	\$687.24	\$0.00
1Gbps	\$760.73	\$0.00
2Gbps	\$856.43	\$0.00
2.5Gbps	\$962.27	\$0.00



Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
4Gbps	\$1,218.03	\$0.00
5Gbps	\$1,424.17	\$0.00
7.5Gbps	\$1,684.85	\$0.00
9.5Gbps	\$1,986.12	\$0.00
10Gbps	\$2,036.39	\$0.00
>10Gbps	ICB	ICB

Interactive Class of Service

Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
2Mbps	\$326.50	\$0.00
4Mbps	\$328.67	\$0.00
6Mbps	\$332.39	\$0.00
8Mbps	\$334.87	\$0.00
10Mbps	\$341.07	\$0.00
20Mbps	\$346.03	\$0.00
50Mbps	\$373.94	\$0.00
100Mbps	\$488.43	\$0.00
150Mbps	\$535.05	\$0.00
250Mbps	\$578.58	\$0.00
400Mbps	\$654.81	\$0.00
500Mbps	\$705.18	\$0.00
600Mbps	\$719.97	\$0.00
1Gbps	\$796.96	\$0.00
2Gbps	\$897.21	\$0.00
2.5Gbps	\$1,008.10	\$0.00
4Gbps	\$1,276.03	\$0.00
5Gbps	\$1,491.98	\$0.00
7.5Gbps	\$1,765.08	\$0.00
9.5Gbps	\$2,080.71	\$0.00
10Gbps	\$2,133.36	\$0.00
>10Gbps	ICB	ICB



Real Time Class of Service

Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
2Mbps	\$341.35	\$0.00
4Mbps	\$343.61	\$0.00
6Mbps	\$347.50	\$0.00
8Mbps	\$350.09	\$0.00
10Mbps	\$356.58	\$0.00
20Mbps	\$361.76	\$0.00
50Mbps	\$390.94	\$0.00
100Mbps	\$510.63	\$0.00
150Mbps	\$559.37	\$0.00
250Mbps	\$604.88	\$0.00
400Mbps	\$684.58	\$0.00
500Mbps	\$737.23	\$0.00
600Mbps	\$752.70	\$0.00
1Gbps	\$833.19	\$0.00
2Gbps	\$938.00	\$0.00
2.5Gbps	\$1,053.92	\$0.00
4Gbps	\$1,334.03	\$0.00
5Gbps	\$1,559.79	\$0.00
7.5Gbps	\$1,845.32	\$0.00
9.5Gbps	\$2,175.29	\$0.00
10Gbps	\$2,230.33	\$0.00
>10Gbps	ICB	ICB

ASE Classic and ASEoD Optional Features

Description	Monthly Recurring Charge	Non-Recurring Charge
100 Mbps Regenerator	\$1,117.25	\$256.25
1 Gbps Regenerator	\$1,117.25	\$256.25
10 Gbps Regenerator	\$2,550.00	\$1,537.50
Administrative Charge (per Order)	\$0.00	\$52.28
Expedite Charge	\$0.00	\$307.50
Additional MAC Addresses - 251-500	\$3.84	\$71.75



Description	Monthly Recurring Charge	Non-Recurring Charge
Alternate Serving Switch / 0-10 Miles	\$333.13	\$1,230.00
Alternate Serving Switch / 11-25 Miles	\$666.25	\$1,230.00
Alternate Serving Switch / 26-35 Miles	\$2,255.00	\$1,230.00
Alternate Serving Switch / 36-50 Miles	\$3,075.00	\$1,230.00
Diverse Access	\$256.25	\$615.00
1G Advanced Access Failover (per port)	\$2,173.00	\$1,230.00
10G Advanced Access Failover (per port)	\$9,225.00	\$1,230.00
Enhanced Multicast (per port)	\$107.63	\$0.00

Regulatory Fees

- AT&T Switched Ethernet Service Classic and ASEoD purchased out of the Intrastate Tariff do not incur any Regulatory Fees. (99% of deployments are classified as Intrastate)
- AT&T Switched Ethernet Service Classic and ASEoD purchased out of the Interstate Tariff would incur the following fees (Note: these may change based on FCC Filings):
 - Universal Connectivity Charge: 19.6%
 - Administrative Expense Fee: 1.36%
 - Federal Regulatory Fee: 6.38% - some entities may be exempt
 - Property Tax Allotment: 5.30% - some entities may be exempt
- Federal and State Taxes may apply based on Tax exemption status

Pricing Notes

- Service Availability validation is required, and special construction charges may apply
- Only available in AT&T Service Territory



1.2 Managed Router Service (MRS)

Description

Managed Router Service (MRS) is a complete wide area network (WAN) Managed Router solution, designed for customers with basic or specialized networking needs. From architecture, design and engineering through implementation and lifecycle management, AT&T's MRS service lets customers manage their core business, free from day-to-day network worries. Network monitoring and management of MRS is provided from our Global Customer Support Center (GCSC). The GCSC will monitor your network 24/7/365, address any problems, and serve as your single-point-of-contact for maintenance, software updates, and changes to your CPE configuration.

AT&T's Managed Router Solutions (MRS) Service is a complete wide area network (WAN) solution that provides you with the flexibility of choosing from a menu of customer premises equipment (CPE) and service functions, while enabling you to quickly address network downtime that could result in an adverse organizational impact. MRS Service can be coupled with a variety of transport options provided by AT&T or 3rd Party vendors. AT&T will assist with design and technical assurance of all solutions.

The MRS Service supports multiple configurations for managed router offerings in order to meet your requirements. The MRS offering is designed for flexibility: you can choose from a complete menu of CPE such as Cisco, Juniper etc. and service functions, so you get a network matched to your unique business and technical needs. MRS Complete monitors your network, isolates and resolves faults, and allows you to configure your network and manage network security. MRS Complete also provides performance reporting and service level agreements (SLAs). AT&T Managed Routers require an out-of-band connection or POTS line (Not included) or an LTE Connection (Included) for out-of-band management purposes.

During implementation and installation, an AT&T Project Implementation Manager (PIM) will oversee installation of your CPE to ensure that your solution operates properly. Your PIM will create an effective implementation project schedule that covers site installation, testing, and turn-up.

How it Works

After evaluating your network and WAN requirements, we design your solution and install your router equipment and software. And, to ensure that your WAN continues to operate properly, we monitor, maintain, and manage your network architecture.

Features and Benefits

Managed Router Solution provides:

- Service Level Agreements (SLAs)—We offer comprehensive SLAs that have three components: on-time provisioning, site availability, and time to restore.
- Web-Based Management—MRS gives you an online management tool that allows you to track site installation and configuration and view network maps and status information. You can access management and performance reports. MRS allows you to submit changes and monitor trouble tickets.

AT&T Service Guide Link for Additional Product Information

http://serviceguidenew.att.com/sg_flashPlayerPage/MRS



Managed Router Service (MRS) – Pricing

Managed Router Solution -Router	Monthly Recurring Charge	Non-Recurring Charge
Juniper EX4300- (Up to 100M)	\$642.55	\$1,660.50
Juniper EX4300- (>100M to 1G)	\$873.93	\$1,660.50
Juniper EX4300- (>1Gig to 10G)	\$1,019.59	\$1,660.50
Cisco ISR-4xxx- 1.5Mb	\$461.74	\$1,537.50
Cisco ISR-4xxx- TDM Interface	\$518.49	\$1,537.50
Cisco ISR-4xxx- TDM Interface	\$623.29	\$1,537.50
Cisco ISR-4xxx- TDM Interface	\$680.03	\$1,537.50
Cisco ISR-4xxx- DS3 Interface	\$1,155.63	\$1,660.50
Cisco ISR-4xxx- 300M (up to 100M)	\$611.16	\$1,660.50
Cisco ISR-4xxx- 1G (up to 500M)	\$1,615.83	\$1,793.75
Cisco ISR-4xxx- 2G (up to 1G)	\$2,125.63	\$1,793.75
Cisco ASR1001x- 1G (up to 1G)	\$1,950.11	\$1,793.75
Juniper QFX 5100 2x10Gig	ICB	ICB
Cisco ASR 1001x-10G (up to 10G)	ICB	ICB

MACD Charges

MACD Type	Charge Description	Charge
Move Router Site (inside)	Non-Recurring Charge	\$900.00
Move Router Site (outside)	Non-Recurring Charge	\$1,000.00
Simple Logical Configuration Changes	Non-Recurring Charge	\$62.50
Complex Logical Configuration Changes (Requires Local Technician Dispatch)	Non-Recurring Charge	\$290.00
Professional Services Hourly Rates for Non-Standard services and Standard services performed during Non- Standard Business Hours	1 hour minimum for expedited logical changes and 4 hour minimum for all others. Once the minimum is attained, additional charges maybe billed in 15-minute increments	
Standard Business Hours	Charge, per Hour	\$180.00
Non- Standard Hours	Charge, per Hour	\$230.00
Expedite Fee	Non-Recurring Charge	\$1,500.00

Regulatory Fees

- Federal and State Taxes may apply based on Tax exemption status.



Section 2: Dedicated Internet Access

- 2.1 AT&T Dedicated Internet Access
(AT&T Managed Router and Customer Managed Router Solutions available)



2.1 AT&T Dedicated Internet Service

Description

AT&T Dedicated Internet (ADI) is an internet access service that combines a symmetrical, dedicated connection with symmetrical bandwidth (same download and upload speeds) and provides reliable, high-performance connectivity. AT&T Dedicated Internet includes maintenance of the communications link between service locations and the AT&T network. ADI is built from a dedicated architecture. Bandwidth is NOT shared and exclusively engineered end to end dependent on the speed ordered.

AT&T is a Tier 1 internet service provider with a high performing, robust backbone network. Our IP backbone uses Dense Wavelength Division Multiplexing (DWDM) facilities with numerous 100Gig links connecting backbone nodes throughout the continental United States. This architecture provides full redundancy and delivers the reliability, quality, and performance you need. And, should network trouble occur, we swiftly detect, diagnose, and resolve problems via state-of-the-art technology.

To help manage your AT&T account and your contracted services, AT&T BusinessDirect and AT&T BusinessCenter® portals provide a suite of online tools that you can use 24/7. Our customer facing portal provides access to billing, maintenance, network management, and performance reporting information and functions.

AT&T Dedicated Internet can be bundled with an AT&T Managed Router or can terminate to a customer provided router. Both pricing options are detailed below.

How it Works

AT&T Ethernet access is installed as your transport service to establish an access connection to the premise. An internet port is built within the AT&T backbone network that “connects” to the ethernet access. This dedicated connection terminates to an AT&T Managed Router or customer provided router, connecting your Local Area Network (LAN) to our Tier 1 IP backbone network, providing open internet access.

Features and Benefits

AT&T Dedicated Internet gives you these features:

- Enterprise-Class Support—includes 24/7 expert technical assistance, and we back our service with strong Service Level Agreements (SLAs) and provisioning intervals.
- Class of Service (CoS)—prioritizes data traffic over your network access link, and you can add this option to your ADI. We offer four classes of service and 25 service profiles that have predetermined bandwidth allocations.
- ADI with Managed Router Option—provides the customer premises equipment (CPE) for ADI, generally a router and a diagnostic modem. AT&T configures, monitors, manages, and maintains the equipment. You provide a dedicated standard telephone line not connected to a PBX for out-of-band testing of the diagnostic modem. This option provides convenient end-to-end managed internet access so you can focus on your core mission.
- ADI with Customer-Managed Router Option—lets you provide and manage your own router for ADI while AT&T provides the managed internet access. So, you have flexibility to choose the level of service you need.

AT&T Service Guide Link for Additional Product Information

http://serviceguidenew.att.com/sg_flashPlayerPage/MIS



AT&T Dedicated Internet – Pricing

ADI with AT&T Managed Router

Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
2Mbps	\$477.61	\$0.00
4Mbps	\$477.96	\$0.00
5Mbps	\$478.13	\$0.00
8Mbps	\$478.65	\$0.00
10Mbps	\$479.00	\$0.00
20 Mbps	\$531.04	\$0.00
30Mbps	\$621.53	\$0.00
40Mbps	\$653.59	\$0.00
50Mbps	\$655.33	\$0.00
60Mbps	\$775.93	\$0.00
70Mbps	\$793.35	\$0.00
80Mbps	\$831.69	\$0.00
90Mbps	\$845.63	\$0.00
100Mbps	\$855.21	\$0.00
150Mbps	\$926.65	\$0.00
200Mbps	\$1,103.93	\$0.00
250Mbps	\$1,128.32	\$0.00
300Mbps	\$1,297.04	\$0.00
400Mbps	\$1,429.47	\$0.00
500Mbps	\$1,594.13	\$0.00
600Mbps	\$1,683.87	\$0.00
700Mbps	\$1,830.45	\$0.00
800Mbps	\$1,865.30	\$0.00
900Mbps	\$1,882.72	\$0.00
1Gbps	\$1,896.66	\$0.00
1Gbps on 10Gbps Access	\$2,709.84	\$0.00
2Gbps	\$3,007.86	\$0.00
3Gbps	\$3,738.82	\$0.00
4Gbps	\$4,201.35	\$0.00
5Gbps	\$4,580.85	\$0.00
6Gbps	\$5,120.90	\$0.00
7Gbps	\$5,628.15	\$0.00
8Gbps	\$6,097.08	\$0.00



Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
9Gbps	\$6,440.72	\$0.00
10Gbps	\$6,779.86	\$0.00
10Gbps on 100Gbps Access	\$22,263.76	\$0.00
20Gbps	\$22,768.52	\$0.00
30Gbps	\$23,288.78	\$0.00
40Gbps	\$23,617.90	\$0.00
50Gbps	\$26,696.83	\$0.00
60Gbps	\$28,167.85	\$0.00
70Gbps	\$29,712.48	\$0.00
80Gbps	\$31,334.39	\$0.00
90Gbps	\$33,037.24	\$0.00
100Gbps	\$34,834.57	\$0.00

ADI with Customer Managed Router

Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
2Mbps	\$455.31	\$0.00
4Mbps	\$455.65	\$0.00
5Mbps	\$455.83	\$0.00
8Mbps	\$456.35	\$0.00
10Mbps	\$456.70	\$0.00
20 Mbps	\$508.74	\$0.00
30Mbps	\$599.23	\$0.00
40Mbps	\$630.42	\$0.00
50Mbps	\$630.59	\$0.00
60Mbps	\$749.09	\$0.00
70Mbps	\$764.08	\$0.00
80Mbps	\$794.05	\$0.00
90Mbps	\$809.03	\$0.00
100Mbps	\$828.20	\$0.00
150Mbps	\$897.90	\$0.00
200Mbps	\$1,086.50	\$0.00
250Mbps	\$1,112.64	\$0.00
300Mbps	\$1,232.56	\$0.00
400Mbps	\$1,310.98	\$0.00
500Mbps	\$1,450.38	\$0.00



Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
600Mbps	\$1,554.23	\$0.00
700Mbps	\$1,649.05	\$0.00
800Mbps	\$1,666.82	\$0.00
900Mbps	\$1,684.60	\$0.00
1Gbps	\$1,702.37	\$0.00
1Gbps on 10Gbps Access	\$2,255.00	\$0.00
2Gbps	\$2,599.78	\$0.00
3Gbps	\$3,140.22	\$0.00
4Gbps	\$3,486.92	\$0.00
5Gbps	\$3,766.36	\$0.00
6Gbps	\$4,165.22	\$0.00
7Gbps	\$4,537.93	\$0.00
8Gbps	\$4,888.35	\$0.00
9Gbps	\$5,141.78	\$0.00
10Gbps	\$5,395.22	\$0.00
10Gbps on 100Gbps Access	\$12,849.37	\$0.00
20Gbps	\$13,992.13	\$0.00
30Gbps	\$16,030.76	\$0.00
40Gbps	\$18,965.48	\$0.00
50Gbps	\$21,230.34	\$0.00
60Gbps	\$22,427.99	\$0.00
70Gbps	\$23,685.70	\$0.00
80Gbps	\$25,006.04	\$0.00
90Gbps	\$26,392.68	\$0.00
100Gbps	\$27,855.95	\$0.00

**Optional Flexible Bandwidth: Incremental Usage per Mbps
for sustained usage above ADI Port**

Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
2Mbps	\$61.86	\$0.00
4Mbps	\$56.63	\$0.00
5Mbps	\$47.05	\$0.00
8Mbps	\$40.95	\$0.00
10Mbps	\$34.50	\$0.00
20 Mbps	\$25.14	\$0.00
30Mbps	\$22.10	\$0.00



Detail/Speed	Monthly Recurring Charge	Non-Recurring Charge
40Mbps	\$20.58	\$0.00
50Mbps	\$16.64	\$0.00
60Mbps	\$15.97	\$0.00
70Mbps	\$14.93	\$0.00
80Mbps	\$15.46	\$0.00
90Mbps	\$14.52	\$0.00
100Mbps	\$13.55	\$0.00
150Mbps	\$11.41	\$0.00
200Mbps	\$9.15	\$0.00
250Mbps	\$7.81	\$0.00
300Mbps	\$7.61	\$0.00
400Mbps	\$7.36	\$0.00
500Mbps	\$7.54	\$0.00
600Mbps	\$7.03	\$0.00
700Mbps	\$6.52	\$0.00
800Mbps	\$5.92	\$0.00
900Mbps	\$5.36	\$0.00
2Gbps	\$9.75	\$0.00
3Gbps	\$9.52	\$0.00
4Gbps	\$8.58	\$0.00
5Gbps	\$7.80	\$0.00
6Gbps	\$7.62	\$0.00
7Gbps	\$7.43	\$0.00
8Gbps	\$7.23	\$0.00
9Gbps	\$6.90	\$0.00
10Gbps	\$6.63	\$0.00
20Gbps	\$0.64	\$0.00
30Gbps	\$0.64	\$0.00
40Gbps	\$0.43	\$0.00
50Gbps	\$0.43	\$0.00
60Gbps	\$0.43	\$0.00
70Gbps	\$0.43	\$0.00
80Gbps	\$0.43	\$0.00
90Gbps	\$0.43	\$0.00



Regulatory Fees

- AT&T Dedicated Internet Service incurs the following fees (Note: These may change based on FCC Filings):
 - Federal Access Recovery Fee: 2.4%. This Fee is applied against the Access Component of the bundled Monthly Recurring Charge. Detailed information about the specific rate can be provided upon request.
- Federal and State Taxes may apply based on Tax exemption status.

Pricing Notes

- Service Availability validation is required, and special construction charges may apply.
- Only available in AT&T Service Area.
- Pricing includes Access and Port and Router (if purchasing AT&T Managed Router as dictated by tables above.)



Section 3: Broadband

- 3.1 AT&T High Speed Internet Access - Broadband



3.1 Broadband

Description

AT&T High Speed Internet is a broadband internet access service that uses copper and/or fiber facilities. High Speed Internet provides 24/7 internet access with speeds up to 1 Gbps. Service transport type and speed availability varies by location and is only available within AT&T Service Territory.

AT&T is a leading Tier-1 internet service provider with a high-performing IP network and service level agreements that include network availability, network latency, and packet loss.

How it Works

AT&T High Speed Internet uses two main components that facilitate data exchange: customer premises equipment (CPE) and AT&T terminating equipment. The AT&T-provided CPE could be a router or a fiber broadband gateway, depending on the transport technology, which can vary by location. The CPE connects to the service circuit, which connects to AT&T switches that route data between the circuit and the internet over the fiber backbone network.

Features and Benefits

AT&T High Speed Internet gives you these features:

- **Broadband Speeds**—range from 768 Kbps to 1 Gbps downstream and up to 1 Gbps upstream (depending on location). These high speeds can support multiple users that need simultaneous internet access.
- **Enterprise Support**—is available 24/7 at 1-877-XDSL-ATT regardless of service location. Professional installation is available (additional fees may apply).
- **Customer Premises Equipment (CPE)**—offers Ethernet and Wi-Fi connectivity. AT&T provides the CPE with either a monthly equipment fee or a non-recurring charge depending on the service.
- **Service Level Agreements (SLAs)**—provide credits if we fail to meet our commitments for service availability, IP backbone delay, and packet loss.

AT&T Service Guide Link for Additional Product Information

http://serviceguidenew.att.com/sg_flashPlayerPage/DSL



Broadband – Pricing

Detail/Speed (Download/Upload Shown)	Monthly Recurring Charge	Non-Recurring Charge
25M/5M - Dynamic IP	\$58.43	\$0.00
25M/5M - Static IP	\$73.80	\$0.00
25M/25M - Dynamic IP	\$86.10	\$0.00
25M/25M - Static IP	\$101.48	\$0.00
50M/10M - Dynamic Ip	\$82.67	\$0.00
50M/10M - Static IP	\$98.04	\$0.00
50M/50M - Dynamic IP	\$124.03	\$0.00
50M/50M - Static IP	\$139.40	\$0.00
100M/20M - Dynamic IP	\$108.65	\$0.00
100M/20M - Static IP	\$124.03	\$0.00
100M/100M - Dynamic IP	\$160.41	\$0.00
100M/100M - Static IP	\$175.79	\$0.00
200M/40M - Dynamic IP	\$219.35	\$0.00
200M/40M - Static IP	\$234.73	\$0.00
200M/200M - Dynamic IP	\$336.71	\$0.00
200M/200M - Static IP	\$352.09	\$0.00
300M/75M - Dynamic IP	\$169.13	\$0.00
300M/75M - Static IP	\$184.50	\$0.00
300M/300M - Dynamic IP	\$261.38	\$0.00
300M/300M - Static IP	\$276.75	\$0.00
1.5 Mg/384k / Broadband Dynamic IP	\$47.87	\$0.00
1.5 Mg/384k / Broadband Static IP	\$63.24	\$0.00
3.0 Mg/512k / Broadband Dynamic IP	\$51.76	\$0.00
3.0 Mg/512k / Broadband Static IP	\$67.14	\$0.00
6.0 Mg/768k / Broadband Dynamic IP	\$59.25	\$0.00
6.0 Mg/768k / Broadband Static IP	\$74.62	\$0.00
12.0 M / 1M / Broadband Dynamic IP	\$65.60	\$0.00
12.0 M / 1M / Broadband Static IP	\$80.98	\$0.00
18.0 M/1.5M / Broadband Dynamic IP	\$87.13	\$0.00
18.0 M/1.5M / Broadband Static IP	\$102.50	\$0.00
24M / 3M / Broadband Dynamic IP	\$94.30	\$0.00
24M / 3M / Broadband Static IP	\$109.68	\$0.00
45M/6M / Broadband Dynamic IP	\$107.78	\$0.00



Detail/Speed (Download/Upload Shown)	Monthly Recurring Charge	Non-Recurring Charge
45M/6M / Broadband Static IP	\$123.15	\$0.00
75M/8M / Broadband Dynamic IP	\$140.94	\$0.00
75M/8M / Broadband Static IP	\$156.31	\$0.00
IP Block Size - 29 / Broadband Multi Static IP	\$36.90	\$0.00
IP Block Size - 13 / Broadband Multi Static IP	\$30.75	\$0.00
Equipment Fee / Modem / Router	\$10.25	\$0.00
Professional Installation	\$0.00	\$205.00
CPE Purchase / ADSL Modem / ADSL Router	\$0.00	\$102.50
CPE Purchase / SDSL Router	\$0.00	\$461.25
Broadband Equipment Fee / Modem / Router	\$4.61	\$0.00
500M/100M - Dynamic IP	\$240.88	\$0.00
500M/100M - Static IP	\$256.25	\$0.00
500M/500M - Dynamic IP	\$369.00	\$0.00
500M/500M - Static IP	\$384.38	\$0.00
1G/200M - Dynamic IP	\$292.13	\$0.00
1G/200M - Static IP	\$307.50	\$0.00
1G/1G - Dynamic IP	\$650.88	\$0.00
1G/1G - Static IP	\$666.25	\$0.00

Regulatory Fees

- Federal and State Taxes may apply based on Tax exemption status.

Pricing Notes

- Service Availability validation is required.
- Only available in AT&T Service Area.

Product Specific Terms and Conditions

- Withdrawal of Service. AT&T reserves the right to withdraw a Service upon reasonable Notice. Service withdrawal with 12 months notice and Service Component withdrawal with 30 calendar days notice.



Section 4: PSTN Voice

- 4.1 Primary Rate ISDN
- 4.2 Centrex
- 4.3 Long Distance Services
- 4.4 Business Lines



4.1 ISDN PRI

Description

Integrated Services Digital Network Primary Rate Interface (ISDN PRI) is a digital voice service that provides high-volume access to the public switched telephone network (PSTN). ISDN PRI provides 23 digital channels over one transport line (a 24th channel carries signaling information). ISDN PRI consolidates its 23 voice channels on one 1.544 Mbps transport line into a PBX or computer network.

You can use one D channel to control multiple ISDN PRI lines, freeing the 24th channel on additional ISDN PRI circuits to increase capacity. Backup D channels provide a contingency for inoperable D channels. If a failure occurs, a predetermined D channel on another ISDN PRI connection automatically takes over call control signaling for your calls.

How it Works

ISDN PRI is a digital connection for voice between your PBX and the AT&T public switched telephone network (PSTN).

Features and Benefits

Integrated Services Digital Network Primary Rate Interface (ISDN PRI) gives you these features:

- Digital Connection to Public Switched Telephone Network—ISDN PRI is a standard protocol that operates both in the AT&T digital public switched telephone network and in most PBX and computer networking hardware.
- Digital Streamlining—ISDN PRI offers a single digital connection at a lower total cost of ownership than the comparable analog connections that would be otherwise required. Moreover, digital signals provide a better-quality voice transmission over copper facilities. With the use of Call-by-Call technology (dynamic call allocation), the net gain of implementing ISDN PRI may allow you to actually reduce the number of trunks you have today.
- Advanced Calling Features—The digital connection between your PBX and the AT&T central office provides you with inherent central office features (Caller ID is one example). Caller ID display equipment is required for Caller ID service.
- Multiple Types of Information Through One Trunk—ISDN PRI is a proven communication protocol throughout telecommunications networks. The majority of digital PBX equipment available today is ISDN PRI compatible. Provided your equipment can break down information into digital signals, ISDN throughout the AT&T infrastructure can carry it.

AT&T Service Guide Link for Additional Product Information

www.att.com/servicepublications



ISDN PRI – Pricing

Details/Speed	Monthly Recurring Charge	Non-Recurring Charge
PRI-ISDN - 1.5Mbps	\$649.59	\$0.00
DID Telephone Number	\$0.21	\$0.00
Calling Name Delivery (per PRI)	\$102.50	\$0.00

Regulatory Fees

- End User Common Line (EUCL)/Access Recovery Charge (ARC) Fee = \$52.55 per PRI
- Federal Universal Service Fund (FUSF) = \$16.30 per PRI
- 911 Fee = \$1.50 per B-Channel. (Note: Some entities may be exempt)
- Telecommunications Relay Service = \$.55 per PRI
- Georgia Universal Access Fee = 4.9% of all Intrastate billing
- Federal and State Taxes may apply based on Tax exemption status
- Fees subject to change based on FCC filings

Pricing Notes

- Pricing provided for a flat-rate PRI includes: T1 local channel, voice/data interface, and 23 B Channels. Telephone numbers are charged separately based on quantity required. Select optional features may require an additional charge. Long distance services are not included and will be charged separately.
- Service Availability validation is required.
- Only available in AT&T Service Area.

Product Specific Terms and Conditions

- **Withdrawal of Service.** AT&T reserves the right to withdraw a Service upon reasonable Notice. Service withdrawal with 12 months notice and Service Component withdrawal with 120 calendar days notice.



4.2 Centrex

Description

Centrex is a voice communications system that uses the power of the AT&T network to provide you with internal and external communications services with valuable features. Centrex operates out of our local central offices and provides you with a powerful and flexible alternative to premises-based switching systems. Centrex minimizes expensive switching equipment and the need for additional floor space. Because Centrex is inherently scalable, your business can expand without adding or replacing communications equipment in your building. Instead, we can make all those changes at the AT&T central office.

We monitor and maintain each AT&T central office 24/7. Because the equipment that drives Centrex is in our central office, we'll promptly repair any unforeseen problems in our lines at no charge. Centrex is perfect for multiple-location businesses (based upon service address location, within the same serving area) wanting a single, easy-to-use system.

How it Works

With Centrex, your phone system resides in the AT&T central office. Main user station lines run from our central office to each telephone, fax, or modem. Your users are connected whether they're located in your main office, in your branch offices, or at remote sites.

Feature and Benefits

Centrex gives you these features:

- Dedicated Phone Number for Each Employee—is possible with Centrex.
- Call Management—Easy-to-use features allow you to redial automatically, block calls, forward calls, forward select calls, prioritize calls, know who's calling, use Call Waiting, and conference call.
- Flexibility—All features can operate at every phone.
- Electrical Backup—We house the system and provide 24-hour maintenance by skilled technicians. If there's a power outage, dial tone remains available, except for phone sets that require power units. If there's a brownout or a storm at your location, Centrex continues to function because it runs on the power at our central office.

AT&T Service Guide Link for Additional Product Information

www.att.com/servicepublications



Centrex – Pricing

Details/Speed	Monthly Recurring Charge	Non-Recurring Charge
Centrex Station Link	\$8.20	\$0.00
Standard Features per Line	\$4.05	\$0.00
Network Access Register (NAR)	\$18.39	\$0.00
Customized Common Equipment	\$476.63	\$0.00
Caller ID (Per TN)	\$0.15	\$0.00
MemoryCall Voice Mail 90 Min Use-Each Mailbox	\$8.15	\$0.00
MemoryCall Voice Mail - Flat Rate-Each Mailbox	\$16.61	\$0.00
MemoryCall Voice Mail Personal Extension Mailbox	\$11.22	\$0.00
MemoryCall Voice Mail Enhanced Extension Mailbox	\$11.22	\$0.00
MemoryCall Transfer Mailbox	\$1.03	\$0.00

Regulatory Fees

- Federal Subscriber Line Charge = \$10.51 per Station Link
- Parity Credit = \$8.09 Credit per station link
- Federal Universal Service Fund (FUSF) = \$.30 per Station Link
- Federal Parity Credit Surcharge = \$8.09 per Network Access Route (NAR)
- 911 Fee = \$1.50 per NAR. (Note: Some entities may be exempt)
- Telecommunications Relay Service = \$.11 per NAR
- Federal and State Taxes may apply based on Tax exemption status.
- Georgia Universal Access Fee = 4.9% of all Intrastate billing
- Fees subject to change based on FCC Filings

Pricing Notes

- Pricing components for a standard Centrex deployment includes Centrex Station, Network Access Registers, Centrex Common block, Voice Mail and Standard Features. Total charges per Centrex solution will be based upon quantities needed to support customer voice design requirements. Standard features include: Call Forward, Call Waiting, Call Hold. Additional features may be requested based on design requirements and may require an additional charge. Long distance services are not included and will be charged separately.
- Only available in AT&T Service Area.

Product Specific Terms and Conditions

- **Withdrawal of Service.** AT&T reserves the right to withdraw a Service upon reasonable Notice. Service withdrawal with 12 months notice and Service Component withdrawal with 120 calendar days notice.



4.3 Long Distance Service/AT&T Business Network (ABN)

Description

Long distance voice services are available for customers and include domestic and international calling, domestic inbound calling and Inbound Advanced Features.

Per minute rates are provided for intrastate and interlata services in Georgia, as well as interstate outbound calling. International pricing is also available upon request for required countries.

The following outlines descriptions for the Switched, Loyalty and Dedicated rates elements:

- Switched – The transmission path neither originates nor terminates via access facilities owned by AT&T or one of its affiliates.
- Loyalty – The transmission path for outbound calls must originate via Company-provided, Company-affiliated and/or Company-owned Local Exchange Services provided by an AT&T ILEC or AT&T affiliate. The transmission path for inbound toll-free calls must terminate via Company-provided, Company-affiliated and/or Company-owned Local Exchange Services provided by AT&T ILEC or AT&T affiliate.
- Dedicated – The transmission path for outbound calls must originate via AT&T Dedicated Access Channel Services. The transmission path for inbound toll-free calls must terminate via AT&T Access Channel Services.

AT&T Service Guide Link for Additional Product Information

http://serviceguidenew.att.com/sg_customPreviewPDFPage?testid=0680h000003auT0AAI



Long Distance – Pricing

Domestic LD Rate Element	Monthly Recurring Charge	Non-Recurring Charge
IntraState and Interlata - Georgia / Inbound/Outbound / Switched per minute	\$0.037	\$0.00
IntraState and Interlata - Georgia / Inbound/Outbound / Loyalty per minute	\$0.031	\$0.00
IntraState and Interlata - Georgia / Inbound/Outbound / Dedicated per minute	\$0.037	\$0.00
Interstate / Inbound/Outbound / Switched / 30/1 per minute	\$0.034	\$0.00
Interstate / Inbound/Outbound / Loyalty / 30/1 per minute	\$0.027	\$0.00
Interstate / Inbound/Outbound / Dedicated / 30/1 per minute	\$0.019	\$0.00
LD Voice Features - Standard / Readyline Per Routing Arrangement	\$27.68	\$0.00
LD Voice Features - Advanced / Feature Package-II / Includes unlimited use of all routing features for each toll-free number. Per 8YY TN	\$32.29	\$19.22
Billing Hierarchy Account Charge	\$50.00	\$0.00

Regulatory Fees

- Regulatory fees are applied to all Interstate and International Calls. Regulatory fees applicable are:
 - Universal Connectivity Charge - UCC (19.6%)
 - Administrative Expense Fee - AEF (1.36%) – (Note: Some entities may be exempt)
 - Property Tax Allotment – PTA (5.30%) – (Note: Some entities may be exempt)
 - Federal Access Recovery Fee - FRF (6.38%)
- Carrier Line Charge = \$.04 per Centrex TN or \$.47 per Multi-Line
- Federal and State Taxes may apply based on Tax exemption status.
- Fees are subject to change based on FCC Filings

Pricing Notes

- Dedicated Pricing requires AT&T Phone Service or Dedicated Connection



4.4 Business Access Lines

Description

Business Access Lines is a local telephone service that handles all of your routine business telecommunications applications, including incoming and outgoing calls, faxes, and Internet connections. Business Access Lines are commonly referred to as POTS (Plain Old Telephone Service) or Analog Landlines.

Select optional features may require an additional charge. Long distance services are not included and will be charged separately. Service available only in AT&T territory.

How It Works

Business Access Lines connect you to our central office over standard telephone wiring: two- and four-pair twisted wires. Phones, modems, and other peripherals connect to the line using standard telephone jacks and plugs.

Features and Benefits

Business Access Lines gives you these features:

- Direct provider of service—We often provide service and support for other companies that merely buy and resell our network products and services. As an AT&T customer, you'll work directly with us to find solutions to your mission-critical communications issues.
- Advanced digital network—We own and maintain our own network, monitoring it constantly to deliver you around-the-clock quality service, even during disasters. Our all-digital network is designed to be flexible. In the unlikely event of an outage, your calls can be re-routed throughout our network.

AT&T Service Guide Link for Additional Product Information

www.att.com/servicepublications



Business Access Lines – Pricing

Details/Speed	Monthly Recurring Charge	Non-Recurring Charge
1FB Business Line	\$30.91	\$0.00

Regulatory Fees

- Federal Subscriber Line Charge = \$10.51 per Business Line
- Federal Universal Service Fund (FUSF) = \$2.71 per Business Line
- Telecommunications Relay Service = \$.11 per Business Line
- Federal and State Taxes may apply based on Tax exemption status
- Georgia Universal Access Fee = 4.9% of all Intrastate billing
- 911 Fee = \$1.50 per Business Line – (Note: Some entities may be exempt)
- Fees subject to change based on FCC Filings

Pricing Notes

- Pricing provided for a single business line. Select optional features may require an additional charge. Long distance services are not included and will be charged separately.
- Service available only in AT&T territory.

Product Specific Terms and Conditions

- Withdrawal of Service. AT&T reserves the right to withdraw a Service upon reasonable Notice. Service withdrawal with 12 months notice and Service Component withdrawal with 120 calendar days notice.



Section 5: Unified Communications

- 5.1 Office@Hand
- 5.2 IP Flexible Reach
- 5.3 AT&T Global Audio Conferencing
- 5.4 AT&T Zoom Conferencing
- 5.5 AT&T Professional Services



5.1 Office@Hand

Description

AT&T Office@Hand is a cloud-based communication solution that provides all the features of a traditional business phone system. Office@Hand meets the changing needs of a mobile, distributed workforce and enables you to easily integrate multiple locations and remote employees. Service works using compatible desk handset, mobile device, and softphone.

AT&T Office@Hand offers three license Editions – Standard, Premium and Enterprise – allowing selection for best fit today and easily upgraded as needs change. The service is easy to configure and use and can be activated instantly upon signup.

How it Works

AT&T Office@Hand works on a wide selection of devices over a variety of connections, including broadband, cellular, and Wi-Fi. You can customize the service with optional features such as international calling, vanity, and other phone numbers.

Features and Benefits

AT&T Office@Hand gives you these features:

Features	Standard	Premium	Enterprise
Unlimited Local Calling	✓	✓	✓
Auto Attendant (Single-Level IVR)	✓	✓	✓
Call Forwarding & Handling (Sim & Seq)	✓	✓	✓
Basic PBX (MoH, Transfer, Caller ID)	✓	✓	✓
Call logs (company & user level)	✓	✓	✓
Admin & user portal	✓	✓	✓
Mobile Apps (iOS & Android)	✓	✓	✓
SMS/MMS	✓	✓	✓
EM Feature	✓	✓	✓
Enable IP Desk phones	✓	✓	✓
Hunt Group	✓	✓	✓
Call Queues	✓	✓	✓
On-Demand Call Recording	✓	✓	✓
Desktop Apps (Windows, Mac)	✓	✓	✓
Team Collaboration (aka Glip)	✓	✓	✓
Video Conferencing & Screen Sharing	✓	✓	✓
RCV Meeting Participants	100	200	200
Advanced PBX (BLF, BLA)	✓	✓	✓
Dial-in Audio Conferencing	✓	✓	✓
Toll Free Minutes Included	1000	2500	10000
Global Office	✓	✓	✓
Office 365 & G Suite Integrations	✓	✓	✓
Internet Fax	✓	✓	✓
Custom App Development (open API)	✓	✓	✓
Analytics (QoS & Historical)	✓	✓	✓
Multi-Level IVR	✓	✓	✓
Multi- Site	-	✓	✓
Call Monitoring (Barge/Monitor/ Whisper)	-	✓	✓
Active Directory & Single Sign On (SSO)	-	✓	✓
Automatic Call Recording (ACR)	-	✓	✓
CRM Integrations (Salesforce/Zendesk)	-	✓	✓

AT&T Service Guide Link for Additional Product Information

http://serviceguidenew.att.com/sg_flashPlayerPage/OAH



Office@Hand – Pricing

Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Standard Edition License	\$22.55	\$0.00
Premium Edition License	\$32.28	\$0.00
Enterprise Edition License	\$44.98	\$0.00
Advanced 911 (per License)	\$1.49	\$0.00

Optional Services and Features

Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Additional TN	\$4.10	\$0.00
Live Reports	\$28.69	\$0.00
Limited Extension	\$19.46	\$0.00
Large Capacity Meeting 100	\$19.46	\$0.00
Large Capacity Meeting 200	\$23.31	\$0.00
Large Capacity Meeting 300	\$144.00	\$0.00
Large Capacity Meeting 500	\$243.94	\$0.00
Office@Hand Webinar 100	\$43.55	\$0.00
Office@Hand Webinar 500	\$146.88	\$0.00
Office@Hand Webinar 1000	\$347.78	\$0.00
Office@Hand Webinar 3000	\$1,007.88	\$0.00
Office@Hand Webinar 5000	\$2,514.63	\$0.00
Office@Hand Webinar 10000	\$6,460.88	\$0.00
Telepresence Rooms Connector	\$54.31	\$0.00
Telepresence Rooms	\$54.31	\$0.00

AT&T Office @Hand Device Pricing

Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Polycom Skyline VVX 150	\$0.00	\$91.23
Polycom Skyline VVX 250	\$0.00	\$162.98
Polycom Skyline VVX 350	\$0.00	\$214.23
Polycom VVX Skyline VVX 450	\$0.00	\$234.73
Polycom VVX Skyline VVX 450 with 1 expansion module	\$0.00	\$501.23
Polycom VVX 501	\$0.00	\$306.48
Polycom VVX 501 with 1 expansion module	\$0.00	\$511.48
Polycom VVX 601	\$0.00	\$378.23
Polycom VVX 601 with 1 expansion module	\$0.00	\$583.23



Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Poly Obi302 ATA	\$0.00	\$80.98
Polycom Trio 8500 Conference phone	\$0.00	\$1,021.93

AT&T Office@Hand Deployment Services On Site Installation Charges optional

Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Initial installation for AT&T Supplied Devices (up to 15 devices)	\$0.00	\$357.73
Installation for AT&T Devices (per device over Initial 15 Devices)	\$0.00	\$23.58
Installation for AT&T approved ATA (per ATA during initial visit)	\$0.00	\$60.48
Installation for AT&T approved ATA (no phones with site installation)	\$0.00	\$357.73

AT&T Office@Hand Administrative Support Chargers optional

Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Initial Installation for AT&T supplied Devices (up to 7 devices)	\$0.00	\$357.73
Initial Installation for AT&T supplied Devices (per device over initial 7 devices)	\$0.00	\$49.20

Customer Supplied - AT&T approved devices

Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Initial installation for Customer supplied AT&T approved devices (up to 10 devices)	\$0.00	\$511.48
Installation for Customer supplied AT&T approved devices (per device over initial 10 devices)	\$0.00	\$49.20
Project Coordination Services (per site-maximum billable three sites)	\$0.00	\$153.75

AT&T Office @ Hand Deployment Services per site Outside Standard Business Hours Pricing

Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Monday - Friday excluding national holidays Hourly Rate	\$0.00	\$203.98
Saturday, Sunday and national holidays - Hourly Rate	\$0.00	\$408.98

AT&T Office@Hand Deployment Services Hourly Rates

Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Hourly rate; Standard Business Hours; billed in fifteen (15) minute increments	\$0.00	\$132.23



Description - Standard Offering	Monthly Recurring Charge	Non-Recurring Charge
Hourly rate; Outside Standard Business Hours with the exceptions of Saturday, Sunday and holidays; billed in fifteen (15) minute increments	\$0.00	\$203.98
Hourly rate; Outside Standard Business Hours, Saturday, Sunday and holidays; billed in fifteen (15) minute increments	\$0.00	\$357.73

Regulatory Fees

- Regulatory fees are applied at a Safe Harbor of 64.9% of the License Charge as noted above. This means that the regulatory fees as outlined below are applied to 64.9% of the License Fee. The FCC regulatory fees applicable are:
 - Universal Connectivity Charge - UCC (19.6%)
 - Administrative Expense Fee - AEF (1.36%) – (Note: Some entities may be exempt)
 - Property Tax Allotment – PTA (5.30%) – (Note: Some entities may be exempt)
 - Federal Access Recovery Fee - FRF (6.38%)
- 911 Fee per License = \$1.50 (Note: Some entities may be exempt)
- Georgia Relay Service Fund per License = \$.011
- Federal and State Taxes may apply based on Tax exemption status
- Fees are subject to change based on FCC Filings

Product Specific Terms and Conditions

- The following will be included in a customer’s Service Order Request document upon order placement with AT&T:
 - Customer acknowledges that Customer has received and understands the advisories concerning the circumstances under which emergency calling may not be available with AT&T Office@Hand. Such limitations and advisories are stated and identified in the AT&T Office@Hand Service Guide found at http://serviceguidenew.att.com/sg_flashPlayerPage/OAH. Examples of when 911/E911 may be limited under the following circumstances which include, relocation of the User’s CPE, 9-1-1 is dialed from a location other than the Registered Location; the broadband connection has been disrupted or impaired; the data service upon which the broadband connection is dependent is terminated or is disrupted or impaired; loss of electrical or battery power; delays-in processing a newly updated Registered Location; use of a non-native telephone number; and the device is not located in the United States of America.



5.2 IP Flexible Reach

Description

IP Flex Reach (SIP Trunking) services enable the transmission of voice telephone calls in IP format over an IP compatible transport service. IP Flexible Reach provides a managed Voice over IP (VoIP) solution offering inbound and outbound SIP Trunking on your data network, enabling local, long distance and international calling for all your sites. Fax and Modem calling also applicable.

AT&T IP Flexible Reach can also be referred to as a Session Initiation Protocol (SIP) Trunking solution. It is deployed in situations where customers own their own premises telephony (analog phones, key system, TDM PBX, or IP PBX, IP PBX Clusters and Session Border Controllers) equipment.

IP Flexible Reach is available on two transport types --AT&T Dedicated Internet (ADI) and AT&T Virtual Private Network (AT&T VPN). You choose the number of concurrent calls across the transport type to meet your business needs.

IP Flexible Reach includes two package options: Local and Long Distance (Calling Plan B), and Local and Long Distance Package bundled with free off-net minutes (Calling Plan C). All package options include free unlimited on-net calling between all Business VoIP sites.

IP Flexible Reach also provides robust Business Continuity Solutions (Enhanced Features) not available on traditional TDM based telephony services, such as Trunk Call Routing (TCR) that redirects calls to a backup SIP Trunk. A variety of TCR options are available to meet your Business Continuity needs. Additionally, numerous Line-Side Features are available, such as Remote Call Forward, Account Codes, Authorization Codes, Sequential Ringing and others.

How it Works

On your local area network (LAN), your IP phone converts your voice or facsimile transmissions into Internet Protocol (IP) format. Your LAN equipment routes those transmissions (calls) via your transport access facility to our network. On-net calls (VoIP to VoIP) route only within the IP network. Off-net calls (VoIP to the PSTN) route through a gateway device that converts them from IP to analog format and routes them on the public switched telephone network (PSTN) to their destination.

Features and Benefits

IP Flexible Reach gives you these features:

- Converged IP Network—gives you dynamically allocated bandwidth and high-quality, reliable, business-class voice service that is backed by Service Level Agreements.
- Management Features—include web-based performance and call reporting, service reporting, and network management.
- IP Flexible Reach Enhanced Features Package Option—adds telephone number-level features to your SIP trunking service like Call Forwarding, Find Me/Follow Me, and Account codes, as well as advanced routing and resiliency features. This package comes with a web-based management portal so you can quickly and simply assign and manage your users and features.

AT&T Service Guide Link for Additional Product Information

http://serviceguidenew.att.com/sg_flashPlayerPage/BVOIP



IP Flexible Reach – Pricing

Detail	Monthly Recurring Charge	Non-Recurring Charge
Calling Plan B Per Concurrent Call	\$9.00	\$0.00
Calling Plan C Per Concurrent Call. Includes 300 Minutes of Long-Distance Calling. See pricing notes below.	\$11.00	\$0.00
OffNet Outbound Interstate and Intrastate Calling per minute.	\$0.02	\$0.00
International Calling Rates can be provided upon request	upon request	\$0.00

Regulatory Fees

- Regulatory fees are applied at a Safe Harbor of 64.9% of the Concurrent Call as noted above. This means that the regulatory fees as outlined below are applied to 64.9% of the Concurrent Call charge. The FCC regulatory fees applicable are:
 - Universal Connectivity Charge - UCC (19.6%)
 - Administrative Expense Fee - AEF (1.36%) – (Note: Some entities may be exempt)
 - Property Tax Allotment – PTA (5.30%) – (Note: Some entities may be exempt)
 - Federal Access Recovery Fee - FRF (6.38%)
- Interstate and International Long Distance calls have 100% of the fees outlined above
- E911 Fee per Concurrent Call = \$1.50 – (Note: Some entities may be exempt)
- Georgia Relay Service Fund per Concurrent Call = \$.011
- Federal and State Taxes may apply based on Tax exemption status.
- Fees are subject to change based on FCC Filings

Pricing Notes

- Service Availability Validation Required.
- Requires AT&T Transport service not included in the pricing. AT&T Dedicated Internet or AT&T Virtual Private Network MPLS connection required.
- The local and long-distance plan (Calling Plan B) provides unlimited on-net and local calling with competitive per minute long distance and international rates. Supports E911/911 calling.
- The local and long-distance package (Calling Plan C) provides unlimited on-net and local calling with a long-distance package that includes competitive per minute international rates, plus 300 minutes of outbound U.S. off-net calling per concurrent call, aggregated across your enterprise. Per-minute charges apply for usage over the bundled minutes. Supports E911/911 calling.

Product Specific Terms and Conditions

- The following information will be included in a customer's Service Order Request document upon order placement with AT&T:
 - Customer acknowledges that Customer has received and understands the advisories concerning the circumstances under which emergency calling may not be available with AT&T IP Flexible Reach. Such limitations and advisories are stated and



identified in the AT&T IP Flexible Reach Service Guide found at http://serviceguidenew.att.com/sg_flashPlayerPage/BVOIP. Examples of when 911/E911 may be limited under the following circumstances which include, relocation of the User's CPE, 9-1-1 is dialed from a location other than the Registered Location; the broadband connection has been disrupted or impaired; the data service upon which the broadband connection is dependent is terminated or is disrupted or impaired; loss of electrical or battery power; delays-in processing a newly updated Registered Location; use of a non-native telephone number; and the device is not located in the United States of America.



5.3 AT&T Conferencing - Audio Reservationless

Description

ATT Global Audio Conferencing will allow a single participant to connect to a conference bridge via direct dial or a toll-free number within the domestic United States. This service may also be used when the caller requests the conferencing platform dial-out to a number they specify within the domestic US.

AT&T Global Audio Conferencing is a network-based audio conferencing solution providing enhanced features, optimized call flows, strengthened reliability, availability and integration with Web-based collaboration applications. Customers have the flexibility of utilizing conferencing capabilities (using both PSTN and IP networks) to maximize their communications investment. AT&T Audio Conferencing may be used as a standalone service or integrated with other AT&T web-meeting services such as AT&T Conferencing with Zoom.

AT&T Reservationless Service adds value to your conferencing capabilities by providing a wide array of hosting commands on a call-by-call basis. The following conferencing options are available:

- Toll-free dial in Reservationless access
- Caller paid dial in Reservationless access
- Host Dial-Out (click to call me)
- IP to IP Reservationless access (using AT&T IP Flexible Reach Service)

AT&T Service Guide Link for Additional Product Information

https://serviceguidenew.att.com/sg_CustomPreviewer?attachmentId=00P0h00001VCWfSEAX



Audio Conferencing – Pricing

Detail	Monthly Recurring Charge	Non-Recurring Charge
IP to IP Access / IP to IP Direct Dial/Reservationless per minute	\$0.0166	\$0.00
Reservationless Automated Dial In (RADI) / United States / USA / Caller Paid per minute	\$0.0185	\$0.00
Reservationless Automated Dial In (RADI) / United States / USA / Toll Free per minute	\$0.0185	\$0.00
Dial-Out (Call Me) / United States / USA / Dial-Out per minute	\$0.0185	\$0.00

Regulatory Fees

- Regulatory fees are applied to audio conferencing usage. Fees include:
 - Universal Connectivity Charge - UCC (19.6%)
 - Administrative Expense Fee - AEF (1.36%) – (Note: Some entities may be exempt)
 - Property Tax Allotment – PTA (5.30%) – (Note: Some entities may be exempt)
 - Federal Access Recovery Fee - FRF (6.38%)
- Federal and State Taxes may apply based on Tax exemption status
- Fees are subject to change based on FCC Filings



5.4 AT&T Conferencing with ZOOM

Description

AT&T Conferencing with Zoom is a cloud-based, real-time, multi-tenant collaboration and productivity solution. The Service provides Customers with an array of collaboration tools including content sharing, group messaging and presence along with audio, video and web-conferencing capabilities. Separate Internet access is required to use the Service. Users can host up to 200 participants per meeting.

Zoom Meetings are available in two models for the State of Georgia: Cost per Minute and Named Host. Voice over computer usage is included in both models; PSTN usage is charged separately under the AT&T Global Audio-Conferencing service (listed above).

Cost per Minute model usage is calculated on a per-minute per Participant basis. Calculation of usage begins at the time the first Participant connects to a Zoom session and ends when either the last session Participant disconnects, or the meeting coordinator terminates the session.

AT&T Conferencing with Zoom telephony integration allows Registered Users to use Zoom Call Me to dial out to join a Participant to a session, perform audio monitoring functions such as mute, unmute, and expel Participants and view who is speaking. Each leg of an audio conference bridge that utilizes the Call Me function will incur a cost per minute for the call duration.

Zoom Named Host licenses are purchased and assigned to individuals within an agency organization. Each Named Host license has a monthly recurring charge which entitles the user to host unlimited number of web meetings monthly, including voice over computer usage. Each meeting can have up to 200 participants. PSTN audio conferencing charges associated with Zoom web meetings are additional.

AT&T is also offering the optional Zoom Cloud Room license, which can extend traditional H.323/SIP room systems to the cloud. Zoom Cloud can enable H.323/SIP room systems to communicate with desktop, tablet, and mobile devices. The service interoperates with many legacy endpoints including Polycom, Cisco, Lifesize, Huawei, and others. The service supports H.264, H.239, H.235, and G.722 protocols. Customers may connect multiple H.323/SIP endpoints or Multi Conferencing Unit (MCU) bridges. Multi-screen support is also available for content and video streams, as well as active speaker or gallery video layouts.

How it Works

AT&T Conferencing with Zoom is a cloud-based video communications service that brings high-quality video and carrier-grade audio to collaborators all over the world, offering one consistent enterprise experience.

Features and Benefits

AT&T Conferencing with Zoom gives you these features:

- Global implementation, management, and maintenance
- User training
- Proven service, redundancy, and resilience
- High uptime and support
- Ubiquitous, cost-effective access
- Highly secure end-to-end encryption
- Easy to use, buy, and scale
- Up to 500 video participants and 10,000 viewers
- Engineered and optimized to work reliably

AT&T Service Guide Link for Additional Product Information

http://serviceguidenew.att.com/sg_flashPlayerPage/ATC



AT&T Conferencing with ZOOM – Pricing

Detail	Monthly Recurring Charge	Non-Recurring Charge
Zoom Meeting - Enterprise / Named Host, 300 Participants Per Month	\$8.71	\$0.00
Zoom Meeting / Cost Per Minute	\$0.87	\$0.00

Optional Services and Features

AT&T Zoom Webinar Add On

Detail	Monthly Recurring Charge	Non-Recurring Charge
AT&T Zoom / Named Host 100 Participants per month	\$27.00	\$0.00
AT&T Zoom/ Named Host 500 Participants per month	\$31.50	\$0.00
AT&T Zoom / Named Host 1000 Participants per month	\$37.25	\$0.00
AT&T Zoom / Named Host 3000 Participants per month	\$604.25	\$0.00
AT&T Zoom/ Named Host 5000 Participants per month	\$1,515.75	\$0.00
AT&T Zoom / Named Host 10,000 Participants per month	\$3,946.25	\$0.00

AT&T Zoom Meeting Room

Detail	Monthly Recurring Charge	Non-Recurring Charge
AT&T Zoom Meeting Room per month	\$20.00	\$0.00

Regulatory Fees

- Federal and State Taxes may apply based on Tax exemption status.

Product Specific Terms and Conditions

- Customers Purchasing Zoom services under a Customer Participation Agreement (CPA) will be presented with the customized Zoom documents approved for use by the Georgia Technology Authority on April 24, 2020 and titled 'GTA- Zoom APP Marketplace TOU' and 'GTA- Zoom Reseller Customer Terms of Service.' AT&T has included these documents as **Attachments 5 and 6** to the RFP. These documents will be required when submitting the Service Order Request (SOR) for customers purchasing Zoom.



5.5 Professional Services related to proposed GTA Direct Services

Description

AT&T Consulting offers independent verification and validation as well as optimization services which help align IT with a customer's strategic imperatives. Solutions and services are manufacturer agnostic and laser-focused on applying the solution that best fits customer needs. AT&T consultants bring diverse experience and certifications across leading vendor technologies and platforms. This enables us to support multi-vendor solution integration and deployment. Our engagement approach factors in cross-disciplinary considerations, such as how to effectively secure and manage the infrastructure.

AT&T Consulting provides a spectrum of capabilities across five strategic service areas:

- Network
- Cybersecurity
- Contact Center
- Unified Communications
- Project Management

AT&T Consulting will work with each customer to recommend the appropriate resources for each consulting project. The customer has the option of choosing monthly or hourly pricing model for the Full Time Equivalents (FTE) resources required. Depending on the consulting project selected by a customer, terms pertaining to ownership of intellectual property by AT&T Consulting may apply.



Professional Services – Pricing

Resource Type	Hourly Rate	Monthly Rate (1 Month)
Principal Architect	\$224.96	\$35,993.93
Program Manager	\$213.42	\$34,147.80
Sr. Consultant	\$201.89	\$32,302.78
Consultant	\$191.61	\$32,302.78
Senior Engineer	\$181.12	\$28,979.75
Project Manager II	\$181.12	\$28,979.75
Project Manager I	\$138.44	\$22,150.19
Engineer	\$138.44	\$22,150.19
Technician	\$132.32	\$21,156.80
Business Manager	\$201.89	\$32,302.78

Regulatory Fees

- Federal and State Taxes may apply based on Tax exemption status.



Section 6: Inside Cable/Wiring

- 6.1 Cabling and Wiring Services



6.1 Cabling and Wiring Services

Description

AT&T Cabling Solutions will perform the Cable and Wiring Services at Sites as required to meet Georgia Technology Authority (GTA) and GTA Customers' business objectives pertaining to Cable and Wiring Services, as requested by the AT&T Lifecycle Management (LCM) Team through the Move Add Change Delete (MACD) Work Order and Incident (i.e. Trouble Ticket) request process.

Planning and Design Services

AT&T Cabling Solutions will do the following:

1. Provide plans and design for the following components:
 - a. Cabling
 - b. Wiring
2. Analyze Voice Centrex Services and Voice Switch Services client Premise cabling and wiring needs.

Services Connectivity and Operations

AT&T Cabling Solutions will be responsible for Cabling in reference to the following:

1. Manage Cabling including:
 - a. Configure, install, implement, test, support, and maintain cabling in accordance with GTA's architecture and design principles.
 - b. De-install and remove cabling when replacing defective cabling (GTA managed locations only) as required.
 - c. Verify connectivity of the infrastructure and all other directly connected devices.
2. Coordinate or perform repair reported or discovered trouble with the cabling that supports the functionality of the Authorized User voice instruments as requested by GTA and GTA Customers.

AT&T Service Guide Link for Additional Product Information

http://serviceguidenew.att.com/sg_flashPlayerPage/ER



Cabling and Wiring Services – Pricing

Service Charges (Resources)

Resource Type	Hourly Rate (Non-FTE)
Administrative	\$46.67
CAD Engineer	\$77.79
Field Manager - Projects, Repairs	\$106.16
Project Manager	\$118.97
Network Engineer	\$137.28
Lead Tech	\$69.55
Field Manager	\$114.40
Tech	\$58.57
Copper Lead Tech	\$69.55
OSP Lead Tech	\$69.55
OSP Tech	\$58.57
Fiber Lead Tech	\$69.55

Materials Charges (One-Time)

Material Type	Unit of Measure	Material Price	Installed Price
Category 6 Simplex Outlet	ea (<180-ft)	\$161.27	\$384.38
Category 6 Duplex Outlet	ea (<180-ft)	\$239.17	\$525.31
Category 6, 48-port Patch Panel	ea	\$471.50	\$544.53
Horizontal Cable Manager, 2RU	ea	\$68.33	\$87.13
Vertical Cable Manager, 6-inx10-inx84-in	ea	\$410.00	\$429.22
Floor Mounted Equipment Rack, 19-inx84-in	ea	\$273.33	\$339.53
66-Block, 50-pr wall mounted	ea	\$20.50	\$41.00
110-Block, 100-pr wall mounted	ea	\$68.33	\$87.13
2" Ready-Sleeve Kit	ea	\$68.33	\$87.13
Plywood (4'x4'x3/4" w/2 Coats of Fire-Retardant White Paint)	ea	\$273.33	\$339.53
Plywood (4'x8'x3/4" w/2 Coats of Fire-Retardant White Paint)	ea	\$410.00	\$512.50
Rack-Mount Power Strip w/Surge Prot. - (6) NEMA 5-15R Outlets	ea	\$136.67	\$160.16
Cantilevered Rack-Mounted Equipment Shelf (50 lb capacity)	ea	\$112.07	\$128.13



Material Type	Unit of Measure	Material Price	Installed Price
Surface Raceway (LD3WH 8 ft), 3/4-in, Ceiling Adapter (JBX3510wh), Surface Mount Outlet Box (DCF3WH) and couplers, as necessary.	8-foot installation with all necessary parts/materials	\$27.33	\$121.72
ZM6A-07-02 7-ft white, Cat 6A Patch Cord	ea	\$21.87	\$43.56
ZM6A-07-06 7-ft blue, Cat 6A Patch Cord	ea	\$21.87	\$43.56
ZM6A-10-06 10-ft blue, Cat 6A Patch Cord	ea	\$24.60	\$43.56
LJSL5-Y3-1, Laser Printable Labels, Copper	1000	\$129.83	\$43.56
S100X160FAL, Laser Printable Labels, Fiber	1000	\$307.50	\$43.56
FJ2-LCLC5L-03-AQ, LC to LC aqua duplex jumper, OM3 multimode, 10-ft	ea	\$49.20	\$43.56

Regulatory Fees

- Federal and State Taxes may apply based on Tax exemption status.

Pricing Notes

- Service Charges (Resources) – The Hourly Rate is based on an individual case basis.
- Material Charges (One-Time) - Installed price includes PM, Labor, and consumables and assumes a 100% complete installation with test results.
- Project size and scope impacts overall pricing and these rates should not substituted for hourly estimates without giving AT&T the opportunity to estimate projects independently.

