STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
STD. 213 A (Rev 2/12)

2012 0223-0268

X	CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED	74	Pages	AGREEMENT NUMBER	AMENDMENT NUMBER
				5-06-58-20 (DTS 06E1390)	11
				REGISTRATION NUMBER	

1. This Agreement is entered into between the State Agency and Contractor named below:

STATE AGENCY'S NAME
California Technology Agency (Formerly Office of the State Chief Information Officer (OCIO))

CONTRACTOR'S NAME
SBC Global Services, Inc. dba AT&T Global Services

2. The term of this Agreement is 1/30/2007 through 1/29/2014

3. The maximum amount of this agreement after this amendment is: N/A

4. The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:

A. Signature authority for the Office of the State Chief Information Officer (OCIO) has changed to the California Technology Agency per Chapter 404, Statutes of 2010, AB 2408 effective January 1, 2011. Under Public Contract Code Section 12120, this administrative amendment hereby replaces the State Agency's Name on the STD 213 A as follows:

From: Department of General Services
To: California Technology Agency

All references to Department of General Services (DGS) are hereby deleted within this contract and superseded by California Technology Agency, Office of Telecommunications Procurement, 3101 Gold Camp Dr., Rancho Cordova, CA 95670.

Continued on the next page.

This Agreement is effective March 1, 2012, or upon California Technology Agency approval, whichever is later.
All other terms and conditions of the original agreement shall remain the same.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		CALIFORNIA TECHNOLOGY AGENCY Use Only
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.) SBC Global Services, Inc. dba AT&T Global Services		
BY (Authorized Signature) Walter Wright	DATE SIGNED (Do not type) 2-23-12	
PRINTED NAME AND TITLE OF PERSON SIGNING Terri W. Wright Contract-Mgr		
ADDRESS 555 S Exec. Drive, Brookfield, WI 53005		
AGENCY NAME California Technology Agency		
BY (Authorized Signature) Steve Rushing	DATE SIGNED (Do not type) 3/5/12	
PRINTED NAME AND TITLE OF PERSON SIGNING Steve Rushing, Deputy Director, Office of Technology Services - STND		☐ Exempt per:
ADDRESS P.O. Box 1810, MS Y-13, Rancho Cordova, CA 95741-1810		

jm 04/09/12

Continuation
STD 213A Standard Agreement Amendment 5-06-58-20 (DTS 06E1390) 11

Pursuant to Section 28 Contract Modifications Under RFPDGS-2053, the following Amendments and changes are made to the following Sections and attachments:

B. This amendment includes the following changes, Subject CALNET 2, MSA 1 (AT&T):

1. Managed Internet Services (MIS) to include:

- Description of Service section is modified to add the following:
  "The service consists of a dedicated Internet Port, and separately, transport from the customer site to the nearest AT&T Point-of-Presence (POP). AT&T MIS connects a business's Local Area Network or application to the Internet."
- Delete "(bundled with port)";
  - Description of Service section is modified to add the following:
    "Access transport circuits used with MIS are found under DS1 and DS3 services. Ethernet access transport circuits used with MIS are found below. For Ethernet access to MIS where less than 10% of the traffic on the circuit is used for MIS Internet access, OPT-E-MAN may be used."
  - Delete "AT&T MIS connects a business's Local Area Network or application to the Internet.";
  - Update available service types to reflect DIA service as Grandfathered with the following language:
    - "AT&T Dedicated Internet Access (DIA) with Customer Managed Router – Grandfathered, for existing customers only. Use MIS for new orders.";
  - Inserted the following sentence: "Tele-Install can be used for Ethernet speeds 100 Mbps and below if using electrical interface.";
  - Updated types of AT&T MIS billing options from "4" to "3";
  - Delete "Bundled Fast Ethernet is a Total Service Offer with Ports bundled with Ethernet access bandwidth based on MIS port speed.";
  - Update Burstable Billing Port Only option to read as:
    "With Burstable Billing Port Only, customers only pay for actual sustained bandwidth usage—not the full line rate. Burstable Billing customers can "burst" up to the full capacity of the access circuit when needed and are charged based on usage."
  - Inserted the following sentence: "For all port types, an access circuit is ordered and billed separate from the port.";
  - Rename table from "Bundled Fast Ethernet 100 Mbps" to "HI CAP FLEX ETHERNET PORT ONLY" and make the following changes to the features of this table;
    - Update feature descriptions to remove "Bundled 100" references, replace with "Minimum Bandwidth Commitment";
    - Add new bandwidth feature options;
    - Insert footnote 4: "[4]Requires MIS Offer Approval before quoting Loop or Port - Not available in all locations."
  - Rename table from "Bundled Fast Ethernet 100 Mbps with Managed Router" to "HI CAP FLEX ETHERNET PORT ONLY with Managed Router" and make the following changes to the features of this table;
    - Update feature descriptions to remove "Bundled 100 Enet" references, replace with "Minimum Bandwidth Commitment Ethernet";
    - Add new bandwidth feature options;
    - Insert footnote 4: "[4]Requires MIS Offer Approval before quoting Loop or Port - Not available in all locations."
  - Add new table "Ethernet Access to Long Distance POP" with feature descriptions and identifiers;
  - Delete table "Bundled GIGABIT ETHERNET 1000 Mbps"; and
  - Delete table "Bundled GIGABIT ETHERNET 1000 Mbps with Managed Router".

Replace Attachment 3 Section 6.1.7 (1-25) with amended section (1-25).

2. Managed Internet Services (MIS) to include:

- Update available service types to reflect DIA service as Grandfathered with the following language:

- "AT&T Dedicated Internet Access (DIA) with Customer Managed Router – Grandfathered, for existing customers only. Use MIS for new orders.";
- Update available service types from "4" to "3" and remove "Bundled Fast Ethernet";
- Insert "For all port types, an access circuit is ordered and billed separate from the port.";
- Update MIS Installation Table as follows:
  - Reduce rate for On-Site Installation of Tiered/Full T3;
  - Reduce rate for On-Site Installation of Ethernet Access;
- Rename table from "Bundled Fast Ethernet 100 Mbps" to "HI CAP FLEX ETHERNET PORT ONLY" and make the following changes to the features of this table;
  - Update feature descriptions to remove "Bundled 100" references, replace with "Minimum Bandwidth Commitment";
  - Reduce Non-Recurring, Recurring and Incremental Usage Charges;
  - Update Unit of Measure to remove "+ Access";
  - Add new bandwidth feature options and pricing;
  - Insert footnote 4: "[4]Requires MIS Offer Approval before quoting Loop or Port - Not available in all locations."
- Rename table from "Bundled Fast Ethernet 100 Mbps with Managed Router" to "HI CAP FLEX ETHERNET PORT ONLY with Managed Router" and make the following changes to the features of this table;
  - Update feature descriptions to remove "Bundled 100 Enet" references, replace with "Minimum Bandwidth Commitment Ethernet";
  - Reduce Non-Recurring, Recurring and Incremental Usage Charges;
  - Update Unit of Measure to remove "+ Access";
  - Add new bandwidth feature options and pricing;
  - Remove footnote 3 as it no longer applies: "Access Bandwidth must be set to Maximum Burst. Requires final engineering approval – special construction charges may apply.";
  - Insert footnote 4: "[4]Requires MIS Offer Approval before quoting Loop or Port - Not available in all locations."
- Add new table "Ethernet Access to Long Distance POP" with feature descriptions and Identifiers;
- Delete table "Bundled GIGABIT ETHERNET 1000 Mbps"; and
- Delete table "Bundled GIGABIT ETHERNET 1000 Mbps with Managed Router".

Replace Attachment 4 Section 6.1.7 (1-28) with amended section (1-29).

3. **Frame Relay Service and Asynchronous Transfer Mode (ATM) Data Services to include:**

- Insert reference to contract section "6.1.3.7" in the header preceding the Service Identifier;
- Format tables and content to fit page;
- Reduce the recurring charge for "Fixed Inter-LATA Frame Relay Committed Information Rate (CIR specific bit rates), 128 kbps";
- Reduce the recurring charge for "Fixed Inter-LATA Frame Relay Committed Information Rate (CIR specific bit rates), 256 kbps";
- Reduce the recurring charge for "Fixed Inter-LATA Frame Relay Committed Information Rate (CIR specific bit rates), 768 kbps";
- Reduce the recurring charge for "Constant Bit Rate Inter-LATA ATM, 1.344 Mbps"; and
- Reduce the recurring charge for "Constant Bit Rate Interstate ATM, 1.344 Mbps".

Replace Attachment 4 Section 6.1.3.7 (1-16) with amended section (1-19).

4. **Service Level Agreement (SLA) to include:**

- Update Time to Repair (TTR) – Minor (replace Page 6-807).

  Replace pages 6-807 with 6-807.

Replacement pages containing the modified language are attached hereto for insertion in the Agreement and are identified with the following statement: "Revised: MSA 1 - Amendment No. 11."

C. Amendment Summary:

- **What is this amendment about?**

This amendment replaces the State Agency's Name on the STD 213A as follows:

From: Department of General Services
To: California Technology Agency

All references to Department of General Services (DGS) are hereby deleted within this contract and superseded by California Technology Agency, Office of Telecommunications Procurement. This amendment incorporated changes to enhanced services features, price reductions and Service Level Agreements (SLA's) to Managed Internet Services (MIS) and Frame Relay Service and Asynchronous Transfer Mode (ATM) Data Services.

- **Why is the contract being amended?**

The contract is being amended to enhance services, revise and update the service descriptions and features, reduce pricing and update SLAs.

- **What is the reason/purpose for the amendment?**

The purpose of this amendment is to incorporate necessary updates and changes to the contract.

6.1.7 **Service Identifier:** Managed Internet Service (MIS)

Description of Service

AT&T Managed Internet Service (MIS) is a dedicated Internet access service that provides businesses with high-speed Internet access through communications facilities managed by AT&T. The service consists of a dedicated Internet Port, and separately, transport from the customer site to the nearest AT&T Point-of-Presence (POP). AT&T MIS connects a business's Local Area Network or application to the Internet.

Underlying AT&T MIS is AT&T's highly reliable transport, the IP connectivity to the customer, and the IP backbone. Customer connectivity to the backbone is provided through the AT&T transport network. Access speeds range from 56 Kbps to 2.5 Gbps (OC-48), and access methods (priced separately with FCC tariffs) include Private Line, Frame Relay, Asynchronous Transfer Mode (ATM), and Ethernet connectivity. AT&T provides access service points at more than 600 ACCUNET points of presence (POPs) in the United States. AT&T personnel coordinate the provisioning of the local access circuit for customers. Not all speeds are available in all areas or via all "Access Methods" described below. All DS3, OC-X and Ethernet opportunities must be pre-qualified. Access transport circuits used with MIS are found under DS1 and DS3 services. Ethernet access transport circuits used with MIS are found below. For Ethernet access to MIS where less than 10% of the traffic on the circuit is used for MIS Internet access, OPT-E-MAN may be used.

Three service types are available:

- AT&T MIS with AT&T Managed Router
- AT&T MIS with Customer Managed Router
- AT&T Dedicated Internet Access (DIA) with Customer Managed Router – Grandfathered, for existing customers only. Use MIS for new orders.

The distinction is whether the Customer Premises Equipment (CPE) is provided by AT&T or provided and managed by the customer. At a minimum, the CPE provided to AT&T MIS with Managed Router customers consists of a Router, a CSU/DSU, and a diagnostic Modem providing managed "end-to-end" connectivity to the Internet. Additional CPE components may be required/provided depending upon the configuration. For customers who prefer to manage several elements of their IP service in-house and retain control of the premises equipment, we offer AT&T MIS without the Managed Router. With this offer, the customer is responsible for providing, configuring, installing, maintaining, and managing the premises equipment.

MIS with Managed Router customers have the option of Tele-installation or On-site installation (except for speeds of T3 and above where only on-site installation is available, Tele-Install can be used for Ethernet speeds 100 Mbps and below if using electrical interface). If the customer selects tele-installation, the customer is responsible for unpacking and connecting the CPE, with telephone assistance from AT&T if required. With on-site installation, an authorized AT&T Service Technician will unpack, connect, and test the CPE and completes the cooperative testing with the NOC. Charges apply for On-Site (Managed Router Service), no charge for Tele-Install.

Under each AT&T MIS service type - there are 3 types of port billing services are available:

1. Flat Rate Billing Port Only offers a fixed recurring charge.

2. Hi Cap Flex Billing Port Only customers are provisioned with a fully dedicated access circuit, but only pay for actual sustained bandwidth usage—not the full line rate. It differs from the Burstable Billing option in that customers select a minimum monthly bandwidth commitment.

3. With Burstable Billing Port Only, customers only pay for actual sustained bandwidth usage—not the full line rate. Burstable Billing customers can "burst" up to the full capacity of the access circuit when needed and are charged based on usage.

For all port types, an access circuit is ordered and billed separate from the port.

All new Internet access services will be provisioned with AT&T MIS.

AT&T Dedicated Internet Access (DIA) with Customer Managed Router Service is being grandfathered. Existing AT&T DIA Ports may be upgraded subject to bandwidth availability. Ethernet Access is not available for DIA upgrade.

The Customer Managed Flat Rate Port pricing for AT&T MIS as shown in Attachment 4 applies to DIA ports, as available.

Additional MIS Features Include (priced individually) Class of Service, Additional DNS Admin, Alternate Backbone Node, CPE Redundant Configuration, Managed Firewall Solutions, MIS Access Redundancy Options (MARO), and Secure Email Gateway.

FLAT RATE INTERNET PORT

Feature Description	Identifier
AT&T MIS @ 56Kbps	5323
AT&T MIS @ 128Kbps	5324
AT&T MIS @ 256Kbps	5325
AT&T MIS @ 384Kbps	5326
AT&T MIS @ 512Kbps	5327
AT&T MIS @ 768Kbps	5328
AT&T MIS @ 1024 Kbps	5700
AT&T MIS @ 1.544 Mbps (T1)	5701
AT&T MIS @ 2Mbps	5329
AT&T MIS @ 3 Mbps	5702
AT&T MIS @ 3 Mbps NxT1	5702
AT&T MIS @ 4Mbps	5330
AT&T MIS @ 4.5Mbps	5331
AT&T MIS @ 5Mbps	5332
AT&T MIS @ 6Mbps	5333
AT&T MIS @ 6Mbps NxT1	5333
AT&T MIS @ 7Mbps	5334

Feature Description	Identifier
AT&T MIS @ 7.5 Mbps	5382
AT&T MIS @ 8Mbps	5335
AT&T MIS @ 9Mbps	5336
AT&T MIS @ 9Mbps NxT1	5336
AT&T MIS @ 10 Mbps	5703
AT&T MIS @ 10.5 Mbps	5383
AT&T MIS @ 12 Mbps	5384
AT&T MIS @ 15 Mbps	5704
AT&T MIS @ 20 Mbps	5705
AT&T MIS @ 25 Mbps	5706
AT&T MIS @ 30 Mbps	5707
AT&T MIS @ 35 Mbps	5708
AT&T MIS @ 40 Mbps	5709
AT&T MIS @ 45 Mbps (T3)	5710
AT&T MIS @ 60Mbps (OC3)	5338
AT&T MIS @ 155 Mbps (OC3)	5712
AT&T MIS @ 622 Mbps (OC12)	6528
AT&T MIS @ 2.45 Gbps (OC48)	6837

FLAT RATE INTERNET PORT WITH ROUTER

Feature Description	Identifier
AT&T MIS w/Mgd Router @ 56Kbps	5348
AT&T MIS w/Mgd Router @ 128Kbps	5349
AT&T MIS w/Mgd Router @ 256Kbps	5350
AT&T MIS w/Mgd Router @ 384Kbps	5351
AT&T MIS w/Mgd Router @ 512Kbps	5352
AT&T MIS w/Mgd Router @ 768Kbps	5353
AT&T MIS w/Mgd Router @ 1024 Kbps	5713
AT&T MIS w/Mgd Router @ 1.544 Mbps (T1)	5714
AT&T MIS w/Mgd Router @ 2Mbps	5354
AT&T MIS w/Mgd Router @ 3Mbps	5355

Feature Description	Identifier
AT&T MIS w/Mgd Router @ 3Mbps NxT1	5355
AT&T MIS w/Mgd Router @ 4Mbps	5356
AT&T MIS w/Mgd Router @ 4.5Mbps	5357
AT&T MIS w/Mgd Router @ 5Mbps	5358
AT&T MIS w/Mgd Router @ 6Mbps	5359
AT&T MIS w/Mgd Router @ 6Mbps NxT1	5359
AT&T MIS w/Mgd Router @ 7Mbps	5360
AT&T MIS w/Mgd Router @ 7.5 Mbps	5385
AT&T MIS w/Mgd Router @ 8Mbps	5361
AT&T MIS w/Mgd Router @ 9Mbps	5362
AT&T MIS w/Mgd Router @ 9Mbps NxT1	5362
AT&T MIS w/Mgd Router @ 10Mbps	5363
AT&T MIS w/Mgd Router @ 10.5 Mbps	5386
AT&T MIS w/Mgd Router @ 12 Mbps	5387
AT&T MIS w/Mgd Router @ 15Mbps	5364
AT&T MIS w/Mgd Router @ 20Mbps	5365
AT&T MIS w/Mgd Router @ 25Mbps	5366
AT&T MIS w/Mgd Router @ 30Mbps	5367
AT&T MIS w/Mgd Router @ 35Mbps	5368
AT&T MIS w/Mgd Router @ 40Mbps	5369
AT&T MIS w/Mgd Router @ 45Mbps	5370
AT&T MIS w/Mgd Router @ 60Mbps	5374
AT&T MIS w/Mgd Router @ 155 Mbps (OC3)	5716
AT&T MIS w/Mgd Router @ 622 Mbps (OC12)	6529
AT&T MIS w/Mgd Router @ 2.45 Gbps (OC48)	6840

HI CAP FLEX T3 - PRIVATE LINE, ATM (ASYNCHRONOUS TRANSFER MODE)

Feature Description	Identifier
MIS HiCap T3 2 Mbps	7400
MIS HiCap T3 3 Mbps	7401
MIS HiCap T3 4 Mbps	7402
MIS HiCap T3 5 Mbps	7403
MIS HiCap T3 6 Mbps	7404
MIS HiCap T3 7 Mbps	7405
MIS HiCap T3 8 Mbps	7406
MIS HiCap T3 9 Mbps	7407
MIS HiCap T3 10 Mbps	7408
MIS HiCap T3 15 Mbps	7409
MIS HiCap T3 20 Mbps	7410
MIS HiCap T3 25 Mbps	7411
MIS HiCap T3 30 Mbps	7412
MIS HiCap T3 35 Mbps	7413
MIS HiCap T3 40 Mbps	7414
MIS HiCap T3 45 Mbps	7415

HI CAP FLEX T3 - PRIVATE LINE, ATM (ASYNCHRONOUS TRANSFER MODE) with Managed Router

Feature Description	Identifier
MIS HiCap T3 w/Mgd Rtr 2 Mbps	7420
MIS HiCap T3 w/Mgd Rtr 3 Mbps	7421
MIS HiCap T3 w/Mgd Rtr 4 Mbps	7422
MIS HiCap T3 w/Mgd Rtr 5 Mbps	7423
MIS HiCap T3 w/Mgd Rtr 6 Mbps	7424
MIS HiCap T3 w/Mgd Rtr 7 Mbps	7425
MIS HiCap T3 w/Mgd Rtr 8 Mbps	7426
MIS HiCap T3 w/Mgd Rtr 9 Mbps	7427
MIS HiCap T3 w/Mgd Rtr 10 Mbps	7428
MIS HiCap T3 w/Mgd Rtr 15 Mbps	7429
MIS HiCap T3 w/Mgd Rtr 20 Mbps	7430
MIS HiCap T3 w/Mgd Rtr 25 Mbps	7431

Feature Description	Identifier
MIS HiCap T3 w/Mgd Rtr 30 Mbps	7432
MIS HiCap T3 w/Mgd Rtr 35 Mbps	7433
MIS HiCap T3 w/Mgd Rtr 40 Mbps	7434
MIS HiCap T3 w/Mgd Rtr 45 Mbps	7435

HI CAP FLEX OC3 - PRIVATE LINE

Feature Description	Identifier
MIS HiCap OC3 35 Mbps	8050
MIS HiCap OC3 40 Mbps	8051
MIS HiCap OC3 45 Mbps	8052
MIS HiCap OC3 60 Mbps	8053
MIS HiCap OC3 70 Mbps	8054
MIS HiCap OC3 80 Mbps	8055
MIS HiCap OC3 90 Mbps	8056
MIS HiCap OC3 100 Mbps	8057
MIS HiCap OC3 120 Mbps	8058
MIS HiCap OC3 144 Mbps	8059
MIS HiCap OC3 155 Mbps	8060

HI CAP FLEX OC3 - PRIVATE LINE with Managed Router

Feature Description	Identifier
MIS HiCap OC3 w/Mgd Rtr 35 Mbps	8070
MIS HiCap OC3 w/Mgd Rtr 40 Mbps	8071
MIS HiCap OC3 w/Mgd Rtr 45 Mbps	8072
MIS HiCap OC3 w/Mgd Rtr 60 Mbps	8073
MIS HiCap OC3 w/Mgd Rtr 70 Mbps	8074
MIS HiCap OC3 w/Mgd Rtr 80 Mbps	8075
MIS HiCap OC3 w/Mgd Rtr 90 Mbps	8076
MIS HiCap OC3 w/Mgd Rtr 100 Mbps	8077
MIS HiCap OC3 w/Mgd Rtr 120 Mbps	8078

Feature Description	Identifier
MIS HiCap OC3 w/Mgd Rtr 144 Mbps	8079
MIS HiCap OC3 w/Mgd Rtr 155 Mbps	8080

HI CAP FLEX OC12 - PRIVATE LINE

Feature Description	Identifier
MIS HiCap OC12 70 Mbps	7500
MIS HiCap OC12 80 Mbps	7501
MIS HiCap OC12 90 Mbps	7502
MIS HiCap OC12 100 Mbps	7503
MIS HiCap OC12 120 Mbps	7504
MIS HiCap OC12 144 Mbps	7505
MIS HiCap OC12 155 Mbps	7506
MIS HiCap OC12 200 Mbps	7507
MIS HiCap OC12 250 Mbps	7508
MIS HiCap OC12 300 Mbps	7509
MIS HiCap OC12 350 Mbps	7510
MIS HiCap OC12 400 Mbps	7511
MIS HiCap OC12 450 Mbps	7512
MIS HiCap OC12 500 Mbps	7513
MIS HiCap OC12 550 Mbps	7514
MIS HiCap OC12 600 Mbps	7515
MIS HiCap OC12 622 Mbps	7516

HI CAP FLEX OC12 - PRIVATE LINE - with Managed Router

Feature Description	Identifier
MIS HiCap OC3 w/Mgd Rtr 70 Mbps	7525
MIS HiCap OC3 w/Mgd Rtr 80 Mbps	7526
MIS HiCap OC3 w/Mgd Rtr 90 Mbps	7527
MIS HiCap OC3 w/Mgd Rtr 100 Mbps	7528
MIS HiCap OC3 w/Mgd Rtr 120 Mbps	7529
MIS HiCap OC3 w/Mgd Rtr 144 Mbps	7530
MIS HiCap OC3 w/Mgd Rtr 155 Mbps	7531

Feature Description	Identifier
MIS HiCap OC3 w/Mgd Rtr 200 Mbps	7532
MIS HiCap OC3 w/Mgd Rtr 250 Mbps	7533
MIS HiCap OC3 w/Mgd Rtr 300 Mbps	7534
MIS HiCap OC3 w/Mgd Rtr 350 Mbps	7535
MIS HiCap OC3 w/Mgd Rtr 400 Mbps	7536
MIS HiCap OC3 w/Mgd Rtr 450 Mbps	7537
MIS HiCap OC3 w/Mgd Rtr 500 Mbps	7538
MIS HiCap OC3 w/Mgd Rtr 550 Mbps	7539
MIS HiCap OC3 w/Mgd Rtr 600 Mbps	7540
MIS HiCap OC3 w/Mgd Rtr 622 Mbps	7541

HI CAP FLEX OC48 - PRIVATE LINE

Feature Description	Identifier
MIS HiCap OC48 600 Mbps	7450
MIS HiCap OC48 622 Mbps	7451
MIS HiCap OC48 700 Mbps	7452
MIS HiCap OC48 800 Mbps	7453
MIS HiCap OC48 1250 Mbps	7454
MIS HiCap OC48 1550 Mbps	7455
MIS HiCap OC48 1850 Mbps	7456
MIS HiCap OC48 2150 Mbps[1]	7457
MIS HiCap OC48 2450 Mbps[1]	7458

[1]Due a technical limitation with the Cisco Gigabit Router cards, actual speed of the service is limited to 1.9 Gbps. Therefore, 1850 Mbps should be the highest "Minimum Bandwidth Commitment" offered to customers at this time.

HI CAP FLEX OC48 - PRIVATE LINE - With Managed Router

Feature Description	Identifier

Feature Description	Identifier
MIS HiCap OC48 600 Mbps	7470
MIS HiCap OC48 622 Mbps	7471
MIS HiCap OC48 700 Mbps	7472
MIS HiCap OC48 800 Mbps	7473
MIS HiCap OC48 1250 Mbps	7474
MIS HiCap OC48 1550 Mbps	7475
MIS HiCap OC48 1850 Mbps	7476
MIS HiCap OC48 2150 Mbps[1]	7477
MIS HiCap OC48 2450 Mbps[1]	7478

[1]Due a technical limitation with the Cisco Gigabit Router cards, actual speed of the service is limited to 1.9 Gbps. Therefore, 1850 Mbps should be the highest "Minimum Bandwidth Commitment" offered to customers at this time.

HI CAP FLEX ETHERNET PORT ONLY

Feature Description	Identifier
MIS Minimum Bandwidth Commitment Ethernet 2 Mbps	8301
MIS Minimum Bandwidth Commitment Ethernet 3 Mbps	8302
MIS Minimum Bandwidth Commitment Ethernet 4 Mbps	8303
MIS Minimum Bandwidth Commitment Ethernet 5 Mbps	8304
MIS Minimum Bandwidth Commitment Ethernet 6 Mbps	8305
MIS Minimum Bandwidth Commitment Ethernet 7 Mbps	8306
MIS Minimum Bandwidth Commitment Ethernet 8 Mbps	8307
MIS Minimum Bandwidth Commitment Ethernet 9 Mbps	8308
MIS Minimum Bandwidth Commitment Ethernet 10 Mbps	8309
MIS Minimum Bandwidth Commitment Ethernet 15 Mbps	8310
MIS Minimum Bandwidth Commitment Ethernet 20 Mbps	8311
MIS Minimum Bandwidth Commitment Ethernet 25 Mbps	8312

Feature Description	Identifier
MIS Minimum Bandwidth Commitment Ethernet 30 Mbps	8313
MIS Minimum Bandwidth Commitment Ethernet 35 Mbps	8314
MIS Minimum Bandwidth Commitment Ethernet 40 Mbps	8315
MIS Minimum Bandwidth Commitment Ethernet 45 Mbps	8316
MIS Minimum Bandwidth Commitment Ethernet 50 Mbps	8382
MIS Minimum Bandwidth Commitment Ethernet 60 Mbps	8317
MIS Minimum Bandwidth Commitment Ethernet 70 Mbps[2]	8318
MIS Minimum Bandwidth Commitment Ethernet 80 Mbps[2]	8319
MIS Minimum Bandwidth Commitment Ethernet 90 Mbps[2]	8320
MIS Minimum Bandwidth Commitment Ethernet 100 Mbps[2]	8321
MIS Minimum Bandwidth Commitment Ethernet 120 Mbps	8346
MIS Minimum Bandwidth Commitment Ethernet 144 Mbps	8347
MIS Minimum Bandwidth Commitment Ethernet 155 Mbps	8348
MIS Minimum Bandwidth Commitment Ethernet 200 Mbps	8349
MIS Minimum Bandwidth Commitment Ethernet 250 Mbps	8350
MIS Minimum Bandwidth Commitment Ethernet 300 Mbps	8351
MIS Minimum Bandwidth Commitment Ethernet 350 Mbps	8352
MIS Minimum Bandwidth Commitment Ethernet 400 Mbps	8353
MIS Minimum Bandwidth Commitment Ethernet 450 Mbps	8354
MIS Minimum Bandwidth Commitment Ethernet 500 Mbps	8355
MIS Minimum Bandwidth Commitment Ethernet 550 Mbps	8356
MIS Minimum Bandwidth Commitment Ethernet 600 Mbps	8357
MIS Minimum Bandwidth Commitment Ethernet 622 Mbps	8358

Feature Description	Identifier
MIS Minimum Bandwidth Commitment Ethernet 700 Mbps	8359
MIS Minimum Bandwidth Commitment Ethernet 800 Mbps[4]	8360
MIS Minimum Bandwidth Commitment Ethernet 900 Mbps[4]	8361
MIS Minimum Bandwidth Commitment Ethernet 1000 Mbps[4]	8362

[2]Only available where Multi-Service Edge (MSE) Routers are deployed and requires MIS Offer approval.
[4]Requires MIS Offer Approval before quoting Loop or Port - Not available in all locations.

HI CAP FLEX ETHERNET PORT ONLY with Managed Router

Feature Description	Identifier
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 2 Mbps	8323
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 3 Mbps	8324
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 4 Mbps	8325
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 5 Mbps	8326
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 6 Mbps	8327
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 7 Mbps	8328
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 8 Mbps	8329
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 9 Mbps	8330
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 10 Mbps	8331
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 15 Mbps	8332
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 20 Mbps	8333
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 25 Mbps	8334
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 30 Mbps	8335
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 35 Mbps	8336

Feature Description	Identifier
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 40 Mbps	8337
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 45 Mbps	8338
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 50 Mbps	8383
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 60 Mbps	8339
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 70 Mbps[2]	8340
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 80 Mbps[2]	8341
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 90 Mbps[2]	8342
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 100 Mbps[2]	8343
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 120 Mbps	8365
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 144 Mbps	8366
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 155 Mbps	8367
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 200 Mbps	8368
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 250 Mbps	8369
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 300 Mbps	8370
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 350 Mbps	8371
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 400 Mbps	8372
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 450 Mbps	8373
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 500 Mbps	8374
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 550 Mbps	8375
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 600 Mbps	8376
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 622 Mbps	8377
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 700 Mbps	8378
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 800 Mbps[4]	8379

Feature Description	Identifier
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 900 Mbps[4]	8380
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 1000 Mbps[4]	8381

[2]Only available where Multi-Service Edge (MSE) Routers are deployed and requires MIS Offer approval.
[4]Requires MIS Offer Approval before quoting Loop or Port - Not available in all locations.

ETHERNET ACCESS to LONG DISTANCE POP

Used with HI CAP FLEX ETHERNET PORT ONLY service.

Feature Description	Identifier
100-Base-TX 2 Mbps Ethernet	LNET2
100-Base-TX 4 Mbps Ethernet	LNET4
100-Base-TX 5 Mbps Ethernet	LNET5
100-Base-TX 8 Mbps Ethernet	LNET8
100-Base-TX 10 Mbps Ethernet	LNET10
100-Base-TX 20 Mbps Ethernet	LNET20
100-Base-TX 50 Mbps Ethernet	LNET50
100-Base-TX 100 Mbps Ethernet	LNET100
1000-Base-SX/LX 150 Mbps Ethernet	LNET150
1000-Base-SX/LX 250 Mbps Ethernet	LNET250
1000-Base-SX/LX 500 Mbps Ethernet	LNET500
1000-Base-SX/LX 1000 Mbps Ethernet	LNET1G

BURSTABLE T1 - PRIVATE LINE, FRAME RELAY

Feature Description	Identifier
MIS Burstable T1 Up to 128 Kbps	7301
MIS Burstable T1 128.01 to 256 Kbps	
MIS Burstable T1 256.01 to 384 Kbps	
MIS Burstable T1 384.01 to 512 Kbps	
MIS Burstable T1 512.01 to full T1	

BURSTABLE T1 - PRIVATE LINE, FRAME RELAY - with Managed Router

Feature Description	Identifier
MIS Burstable T1 w/Mgd Rtr Up to 128 Kbps	7302
MIS Burstable T1 w/Mgd Rtr 128.01 to 256 Kbps	
MIS Burstable T1 w/Mgd Rtr 256.01 to 384 Kbps	
MIS Burstable T1 w/Mgd Rtr 384.01 to 512 Kbps	
MIS Burstable T1 w/Mgd Rtr 512.01 to full T1	

BURSTABLE T3 - PRIVATE LINE, ATM

Feature Description	Identifier
MIS Burstable T3 Up to 6 Mbps	7303
MIS Burstable T3 6.01 to 7.5 Mbps	
MIS Burstable T3 7.51 to 9.0 Mbps	
MIS Burstable T3 9.01 to 10.5 Mbps	

MIS Burstable T3 10.51 to 12.0 Mbps	
MIS Burstable T3 12.01 to 13.5 Mbps	
MIS Burstable T3 13.51 to 15.0 Mbps	
MIS Burstable T3 15.01 to 16.5 Mbps	
MIS Burstable T3 16.51 to 18.0 Mbps	
MIS Burstable T3 18.01 to 19.5 Mbps	
MIS Burstable T3 19.51 to 21.0 Mbps	
MIS Burstable T3 21.01 to 45.0 Mbps	

BURSTABLE T3 - PRIVATE LINE, ATM - with Managed Router

Feature Description	Identifier
MIS Burstable T3 w/Mgd Router Up to 6 Mbps	7304
MIS Burstable T3 w/Mgd Router 6.01 to 7.5 Mbps	
MIS Burstable T3 w/Mgd Router 7.51 to 9.0 Mbps	
MIS Burstable T3 w/Mgd Router 9.01 to 10.5 Mbps	
MIS Burstable T3 w/Mgd Router 10.51 to 12.0 Mbps	
MIS Burstable T3 w/Mgd Router 12.01 to 13.5 Mbps	
MIS Burstable T3 w/Mgd Router 13.51 to 15.0 Mbps	
MIS Burstable T3 w/Mgd Router 15.01 to 16.5 Mbps	
MIS Burstable T3 w/Mgd Router 16.51 to 18.0 Mbps	
MIS Burstable T3 w/Mgd Router 18.01 to 19.5 Mbps	
MIS Burstable T3 w/Mgd Router 19.51 to 21.0 Mbps	
MIS Burstable T3 w/Mgd Router 21.01 to 45.0 Mbps	

BURSTABLE OC3 - PRIVATE LINE

Feature Description	Identifier
MIS Burstable OC3 Up to 35 Mbps	7305
MIS Burstable OC3 35.01 to 45 Mbps	
MIS Burstable OC3 45.01 to 55 Mbps	
MIS Burstable OC3 55.01 to 65 Mbps	
MIS Burstable OC3 65.01 to 75 Mbps	
MIS Burstable OC3 75.01 to 85 Mbps	
MIS Burstable OC3 85.01 to 100 Mbps	
MIS Burstable OC3 100.01 to 125 Mbps	
MIS Burstable OC3 125.01 to 155 Mbps	

BURSTABLE OC3 - PRIVATE LINE - with Managed Router

Feature Description	Identifier
MIS Burstable OC3 w/Mgd Router Up to 35 Mbps	7306
MIS Burstable OC3 w/Mgd Router 35.01 to 45 Mbps	
MIS Burstable OC3 w/Mgd Router 45.01 to 55 Mbps	
MIS Burstable OC3 w/Mgd Router 55.01 to 65 Mbps	
MIS Burstable OC3 w/Mgd Router 65.01 to 75 Mbps	
MIS Burstable OC3 w/Mgd Router 75.01 to 85 Mbps	
MIS Burstable OC3 w/Mgd Router 85.01 to 100 Mbps	
MIS Burstable OC3 w/Mgd Router 100.01 to 125 Mbps	
MIS Burstable OC3 w/Mgd Router 125.01 to 155 Mbps	

BURSTABLE OC-12- PRIVATE LINE

Feature Description	Identifier

Feature Description	Identifier
MIS Burstable OC12 Up to 75 Mbps	7307
MIS Burstable OC12 75.01 to 150 Mbps	
MIS Burstable OC12 150.01 to 225 Mbps	
MIS Burstable OC12 225.01 to 300 Mbps	
MIS Burstable OC12 300.01 to 375 Mbps	
MIS Burstable OC12 375.01 to 450 Mbps	
MIS Burstable OC12 450.01 to 525 Mbps	
MIS Burstable OC12 525.01 to 622 Mbps	

BURSTABLE OC-12- PRIVATE LINE - with Managed Router

Feature Description	Identifier
MIS Burstable OC12 w/Mgd Router Up to 75 Mbps	7308
MIS Burstable OC12 w/Mgd Router 75.01 to 150 Mbps	
MIS Burstable OC12 w/Mgd Router 150.01 to 225 Mbps	
MIS Burstable OC12 w/Mgd Router 225.01 to 300 Mbps	
MIS Burstable OC12 w/Mgd Router 300.01 to 375 Mbps	
MIS Burstable OC12 w/Mgd Router 375.01 to 450 Mbps	
MIS Burstable OC12 w/Mgd Router 450.01 to 525 Mbps	
MIS Burstable OC12 w/Mgd Router 525.01 to 622 Mbps	

BURSTABLE OC-48 - PRIVATE LINE

Feature Description	Identifier
MIS Burstable OC48 Up to 1250 Mbps	7309
MIS Burstable OC48 1251 to 1350 Mbps	
MIS Burstable OC48 1351 to 1450 Mbps	
MIS Burstable OC48 1451 to 1550 Mbps	
MIS Burstable OC48 1551 to 1650 Mbps	
MIS Burstable OC48 1651 to 1750 Mbps	
MIS Burstable OC48 1751 to 1850 Mbps	
MIS Burstable OC48 1851 to 1950 Mbps*	
MIS Burstable OC48 1951 to 2050 Mbps*	
MIS Burstable OC48 2051 to 2150 Mbps*	
MIS Burstable OC48 2151 to 2250 Mbps*	
MIS Burstable OC48 2251 to 2350 Mbps*	
MIS Burstable OC48 2351 to 2450 Mbps*	

BURSTABLE OC-48 - PRIVATE LINE - with Managed Router

Feature Description	Identifier
MIS w/Mgd Router Burstable OC48 Up to 1250 Mbps	7310
MIS w/Mgd Router Burstable OC48 1251 to 1350 Mbps	
MIS w/Mgd Router Burstable OC48 1351 to 1450 Mbps	
MIS w/Mgd Router Burstable OC48 1451 to 1550 Mbps	

Feature Description	Identifier
MIS w/Mgd Router Burstable OC48 1551 to 1650 Mbps	
MIS w/Mgd Router Burstable OC48 1651 to 1750 Mbps	
MIS w/Mgd Router Burstable OC48 1751 to 1850 Mbps	
MIS w/Mgd Router Burstable OC48 1851 to 1950 Mbps*	
MIS w/Mgd Router Burstable OC48 1951 to 2050 Mbps*	
MIS w/Mgd Router Burstable OC48 2051 to 2150 Mbps*	
MIS w/Mgd Router Burstable OC48 2151 to 2250 Mbps*	
MIS w/Mgd Router Burstable OC48 2251 to 2350 Mbps*	
MIS w/Mgd Router Burstable OC48 2351 to 2450 Mbps*	

Optional Features – AT&T Secure E-Mail Gateway (SEG)

Description of Service

AT&T Secure E-Mail Gateway (SEG) is a network-based Security as a Service (SecaaS) offering. SEG protects customers from internal and external email threats that can include: commercial spam, malicious attachments, direct email server connections from spammers and botnet-controlled endpoints, and email embedded URL-based attacks. SEG provides features and tools that enable customers to comply with data privacy and retention regulations, meet legal discovery requirements, and implement data loss prevention strategies. SEG customers retain responsibility and control over much of the configuration and settings for the service.

SEG is offered with two different service levels – "Advanced" or "Premium".

SEG Advanced

The Secure E-Mail Gateway (SEG) Advanced service helps protect customer networks from inbound messages containing spam, viruses, and malware.

The Service provides features that enable customer to manage and enforce its security policy on outbound email content.

The Service provides disaster recovery protection against lost email data in the event of a customer email server outage and provides end-user continuity functionality if the customer email server becomes unavailable.

SEG is administered by the customer through a self-service web console and provides a suite of reports.

SEG requires that the Customer own and manage their own Simple Mail Transfer Protocol (SMTP) email server or servers. The customer must also own and manage their own internet domain(s) in order to direct email to the Service for filtering.

SEG Premium

The SEG Premium Level of Service includes all features of the Secure E-Mail Gateway Advanced service plus additional Premium features.

SEG Premium provides enhanced capabilities that enable the Customer to implement more robust outbound email security policies to support their email confidentiality, privacy, and data loss prevention requirements.

Messages sent by the Customer can be encrypted automatically through policy or through end-user self initiated encryption. Encrypted messages are delivered for pick-up by an authenticated recipient and can be retrieved up to 30 days from the day they have been sent after which they are destroyed.

Optional Feature - Message Archiving

The Message Archiving option of the Secure E-Mail Gateway Service provides capabilities that can assist the Customer in complying with company, industry, and government requirements for email retention. Message Archiving is designed to automatically archive all inbound, outbound and internal email message and associated meta data to a secure centralized location and provides search and export functionality. Message Archiving is administered through a customer managed web console and provides a suite of reports. The customer must have a base service (SEG Advanced or SEG Premium) to order the archiving service option.

Customers determine how long their e-mails need to be retained to meet business, compliance or legal requirements. The Service will support from 1 year to a maximum of 7 year retention period.

Features Table & Descriptions

The following summarizes the Features included under the two SEG service levels, as well as detailed descriptions of the features:

Feature	SEG Advanced	SEG Premium
Customer Managed Administration	Included	Included
Anti-Virus Protection	Included	Included
Spam Filtering	Included	Included
Policy Enforcement	Included	Enhanced
Quarantine	Included	Included
Disaster Recovery	Included	Included
Transport Layer Security	Included	Included
Administrator Reports	Included	Included
Policy based Encryption		Included
End-User Initiated Encryption		Included
Sender Notification		Included
Web-based Delivery		Included
Direct Delivery		Included
Mobile Device Support		Included
Standards Support		Included
Message Archiving	Option	Option

Standard Features – SEG Advanced

Customer Managed Administration

The primary interface to the SEG Advanced service is the Administration Center web console. This console is available 24 x 7 and allows Customer Administrators to define and manage settings and configurations for their domains, including spam treatment options, virus scanning selections, content filter settings, policy rules and user permissions.

Anti-Virus Protection

Anti-Virus Protection provides an extensive and redundant anti-virus filtering process that is designed to detect, clean, and record virus infected e-mail messages before they enter the Customer's network. Virus Protection can be configured to scan all inbound and outbound messages for viruses as recognized by industry standard virus scanning technologies.

Spam Filtering

Spam Filtering detects Spam e-mail messages before they enter the Customer's network. Captured spam is routed to the spam quarantine and can be accessed by administrators or end users at any time through a web-based interface. The Customer administrator may configure spam quarantine notification options for messages that have that been quarantined.

Policy Enforcement

Policy enforcement supports the ability to apply the Customer's corporate messaging policies on unwanted and malicious content to e-mail messages entering and leaving the Customer's e-

mail system. Policy enforcement features are definable by domain or user level. Content categories that can be filtered for policy include: keyword groups, HTML, spam beacons or web bugs, hyperlinks, attachments, deny and allow lists. The Customer can define text, referred to as an "outbound disclaimer" that will be appended to the email content. The Customer administrator may configure policy enforcement notification options for emails have been identified by policy rules.

Quarantine

The Service provides multiple quarantine areas with different security access requirements to store and support review of suspect email outside of your email network. Emails that violate configured policies and that have the quarantine action applied are sorted into multiple quarantines.

- Spam Quarantined Messages – Accessible to all users, with users with role of User or Reports Manager allowed to access only their own personal spam quarantine
- Virus Quarantined Messages – Accessible to only Administrators and Quarantine Managers
- Attachment Quarantined Messages – Accessible to only Administrators and Quarantine Managers
- Content Keyword Quarantined Messages – Accessible to only Administrators and Quarantine Managers

Disaster Recovery

Disaster Recovery provides added protection against lost emails in the case the Customer's inbound email server may be unavailable to receive email.

Disaster recovery provides:

- Automatic email fails over and rolling storage for up to sixty (60) days.
- Automatic monitoring of Customer's e-mail server to establish return of service with attempt to deliver the e-mail every 20 minutes.
- Automatic forwarding of stored e-mail once Customer's e-mail service is restored
- User access to read and send messages through a web-based interface while messages are in fail-over storage status. Messages can remain in fail-over storage for up to 60 days.

Transport Layer Security

The SEG Advanced Service supports both forced and opportunistic Transport Layer Security (TLS) connections between the Customer's email server and the SEG network. TLS is designed to provide basic network level encryption through an encrypted tunnel for message transfer.

Administrator Reports

Included in the SEG Administration Center console is access to a suite of reports providing a view into the statistics and use of the Service. All mail messages processed by the Service are recorded in these statistical reports, measured on an hourly, daily, weekly, and monthly basis. The reports furnished to Customer depend of the Service components and features in use by the Customer.

Standard Features - SEG Premium

The SEG Premium Level of Service includes all features of the Secure E-Mail Gateway Advanced service and also includes the additional Premium features described below.

SEG Premium provides enhanced capabilities that enable the Customer to implement more robust outbound email security policies to support their email confidentiality, privacy, and data loss prevention requirements.

Messages sent by the Customer's end-users can be encrypted automatically through policy or through end-user self initiated encryption.

Encrypted messages and are delivered for pick-up by an authenticated recipient and can be retrieved up to 30 days from the day they have been sent after which they are destroyed.

The SEG Premium Service requires Customer acknowledgement that it is the Customer's responsibility to store or process, in an unencrypted format, any and all messages or attachments which it desires to have unencrypted access after 30 days and/or post-expiration or termination of the Services.

Customer Managed Administration

SEG Premium policies and features are configured by the Customer administrator through the SEG Premium control console.

Enhanced Policy Enforcement

A comprehensive set of policy rules to identify email messages can be defined by the Customer including the following examples:

- Keyword Rules: Rules based on keywords within the subject line and body of the email.
- Regular Expression Rules: Rules based on content such as social security numbers, drivers' license numbers, credit card numbers, accounting numbers, credit card numbers within the subject line and body of the email message.
- Domain & Sender Level Rules: Rules based on sender domains, recipient domains and sender lists.
- Regulation Dictionaries: Rules based on HIPAA, SOX and PCI oriented content.
- 3rd Party Keyword Library Support: Ability to import 3rd party keyboard libraries such as common drug codes, common drug names, and common profanity keywords.
- Keywords such as "Confidential", "Secure";
- Sender & Recipient Groups such as the Legal Department in a company, Executives, HR Business Partners.

A comprehensive set of actions to manage identified email messages can be assigned based on policy rules defined by the Customer:

- Log and Continue: Email message is logged as identified by the policy and SEG continues processing the email against the remaining policies.
- Log and Send: Email message is logged as identified by the policy name and SEG sends the email directly out. No additional policies will be executed.
- Return to Sender: The email will be discarded and a notification will be sent to sender of the email with information about what policy triggered the bounce back message. No additional policies are executed.
- Discard: The email is deleted. No additional policies are executed.

- Encrypt: The email is sent out encrypted and logged against this policy. No additional polices are executed

Policy based Encryption
The SEG Premium Service provides a policy-based encryption and decryption process. The process is designed to analyze messages leaving the Customer's network using the policy engine, match an outbound encrypt rule and enable the encryption. Outbound content policies are centrally created using the policy manager. One or more conditions (e.g. contains credit card number, message body contains keywords, email address of sender or recipient matches a domain name, message attachment is of a certain type, etc.) are defined by the Customer, and the policy is associated with the 'encrypt message' action. If a message matches one of the policies it is encrypted within the AT&T SEG network and sent to the recipient.

End-User Initiated Encryption
SEG Premium enables End Users to invoke encrypted email messages from the gateway by simply pressing an "Encrypt" button installed on the mail client. End-User Initiated Encryption is supported through an email client plug-in that provides an "encrypt button". The plug-in is available for versions of Microsoft Outlook and Outlook Web Access.

Sender Notification
SEG Premium provides notification to senders when messages are encrypted at the AT&T SEG network. Senders also receive notifications when message recipients pickup and decrypt messages. Notification messages are customizable.

Web-based Delivery
The Encrypted Message portal is a web based portal for message pick-up. After an encrypted message is sent, the recipient is prompted through an email notification to collect their message at the Encrypted Message Portal. First time users of the portal are required to create a password protected profile. Once a recipient has created a profile, they collect subsequent messages by clicking the link in the email notification and logging in to Encrypted Message Portal with their email address and password. The Encrypted Message portal and email notifications can be customer branded as an optional service.

Direct Delivery
Recipients of encrypted email messages have the option of downloading the Encrypted Reader application, which will enable them to receive, and open encrypted messages directly in their existing desktop or webmail email client. For users who have opted to use the reader, encrypted messages arrive in their inbox as an attachment to a regular message. When opening the attachment, the user is prompted for their password before the message is displayed.

Mobile Device Support
SEG Premium supports mobile devices that can render HTML on a mobile browser. As an example, SEG supports Blackberry devices, Apple iPhone, Windows mobile devices, and more. All encrypted messages being decrypted on the web-based message portal can be read on any traditional mobile browser.

The SEG Premium service has the ability to recognize which mobile browser is being used by the recipient to read and decrypt messages and adjust accordingly.

In addition, all notification messages delivered to the sender and recipient of encrypted messages can be delivered via SMS (Text messaging) to instant mobile verification. For example, when a recipient has received encrypted messages, SEG Premium can deliver a short text messages to the recipient's mobile phone with a link for the message pickup portal.

Standards Support

The SEG Premium Service leverages industry recognized standards such as PKI, X.509, S/MIME, SSL, and TLS for sending electronically signed and encrypted email messages. The solution is interoperable with other PKI based systems.

Administrator Reports

Included in the SEG Administration Center console is access to a suite of reports providing a view into the statistics and use of the Service. All mail messages processed by the Service are recorded in these statistical reports, measured on an hourly, daily, weekly, and monthly basis. The reports furnished to Customer depend of the Service components and features in use by the Customer.

6.1.7 Service Identifier: Managed Internet Service (MIS)

Three service types are available:

- AT&T MIS with AT&T Managed Router and
- AT&T MIS with Customer Managed Router
- AT&T Dedicated Internet Access (DIA) with Customer Managed Router – Grandfathered, for existing customers only. Use MIS for new orders.

Under each AT&T MIS service type, 3 types of port billing services are available:

- Flat Rate Port Only,
- Hi Cap Flex Port Only, and
- Burstable Port Only.

For all port types, an access circuit is ordered and billed separate from the port.

All new Internet access services will be provisioned with AT&T MIS.

AT&T Dedicated Internet Access (DIA) with Customer Managed Router Service is being grandfathered. Existing AT&T DIA Ports may be upgraded subject to bandwidth availability. Ethernet Access is not available for DIA upgrade.

The Customer Managed Flat Rate Port pricing for AT&T MIS below applies to DIA ports, as available.

Note: Charges apply for On-Site (Managed Router Service), no charge for Tele-Install.

MIS Installation Table

Port Speed	Tele-Install	On-Site
56 Kbps - 1.5 Kbps	N/C	$999.00*
NxT1 (3.0 Mbps - 6.0 Mbps)	N/C	$999.00*
Tiered/Full T3	N/C	$1000.00*
OC-X	N/C	$10000.00*
Ethernet Access	N/C	$0.00*

* - ICB pricing is available.

FLAT RATE INTERNET PORT

The Customer Managed Flat Rate Port pricing for AT&T MIS below applies to DIA ports, as available.

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
AT&T MIS @ 56Kbps	5323	N/C	$ 72.20	Port
AT&T MIS @ 128Kbps	5324	N/C	$ 85.50	Port
AT&T MIS @ 256Kbps	5325	N/C	$ 106.40	Port
AT&T MIS @ 384Kbps	5326	N/C	$ 127.30	Port
AT&T MIS @ 512Kbps	5327	N/C	$ 148.20	Port
AT&T MIS @ 768Kbps	5328	N/C	$ 155.80	Port
AT&T MIS @ 1024 Kbps	5700	N/C	$ 161.50	Port
AT&T MIS @ 1.544 Mbps (T1)	5701	N/C	$ 178.60	Port
AT&T MIS @ 2Mbps	5329	N/C	$ 147.50	Port
AT&T MIS @ 3 Mbps	5702	N/C	$ 212.50	Port
AT&T MIS @ 3 Mbps NxT1	5702	N/C	$ 212.50	Port
AT&T MIS @ 4Mbps	5330	N/C	$ 268.75	Port
AT&T MIS @ 4.5Mbps	5331	N/C	$ 275.00	Port
AT&T MIS @ 5Mbps	5332	N/C	$ 281.25	Port
AT&T MIS @ 6Mbps	5333	N/C	$ 312.50	Port
AT&T MIS @ 6Mbps NxT1	5333	N/C	$ 312.50	Port
AT&T MIS @ 7Mbps	5334	N/C	$ 353.75	Port
AT&T MIS @ 7.5 Mbps	5382	N/C	$ 370.00	Port
AT&T MIS @ 8Mbps	5335	N/C	$ 391.25	Port
AT&T MIS @ 9Mbps	5336	N/C	$ 428.75	Port
AT&T MIS @ 9Mbps NxT1	5336	N/C	$ 428.75	Port
AT&T MIS @ 10 Mbps	5703	N/C	$ 460.00	Port
AT&T MIS @ 10.5 Mbps	5383	N/C	$ 478.75	Port
AT&T MIS @ 12 Mbps	5384	N/C	$ 547.50	Port
AT&T MIS @ 15 Mbps	5704	N/C	$ 616.25	Port
AT&T MIS @ 20 Mbps	5705	N/C	$ 772.50	Port
AT&T MIS @ 25 Mbps	5706	N/C	$ 931.25	Port
AT&T MIS @ 30 Mbps	5707	N/C	$ 1,087.50	Port

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
AT&T MIS @ 35 Mbps	5708	N/C	$ 1,247.50	Port
AT&T MIS @ 40 Mbps	5709	N/C	$ 1,403.75	Port
AT&T MIS @ 45 Mbps (T3)	5710	N/C	$ 1,562.50	Port
AT&T MIS @ 60Mbps (OC3)	5338	N/C	$ 1,956.25	Port
AT&T MIS @ 155 Mbps (OC3)	5712	N/C	$ 4,450.00	Port
AT&T MIS @ 622 Mbps (OC12)	6528	N/C	$12,675.00	Port
AT&T MIS @ 2.45 Gbps (OC48)	6837	N/C	$49,000.00	Port

FLAT RATE INTERNET PORT WITH ROUTER

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
AT&T MIS w/Mgd Router @ 56Kbps	5348	See Above	$ 98.80	Port
AT&T MIS w/Mgd Router @ 128Kbps	5349	See Above	$ 112.10	Port
AT&T MIS w/Mgd Router @ 256Kbps	5350	See Above	$ 133.00	Port
AT&T MIS w/Mgd Router @ 384Kbps	5351	See Above	$ 153.90	Port
AT&T MIS w/Mgd Router @ 512Kbps	5352	See Above	$ 174.80	Port
AT&T MIS w/Mgd Router @ 768Kbps	5353	See Above	$ 182.40	Port
AT&T MIS w/Mgd Router @ 1024 Kbps	5713	See Above	$ 188.10	Port

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
AT&T MIS w/Mgd Router @ 1.544 Mbps (T1)	5714	See Above	$ 205.20	Port
AT&T MIS w/Mgd Router @ 2Mbps	5354	See Above	$ 221.25	Port
AT&T MIS w/Mgd Router @ 3Mbps	5355	See Above	$ 286.25	Port
AT&T MIS w/Mgd Router @ 3Mbps NxT1	5355	See Above	$ 286.25	Port
AT&T MIS w/Mgd Router @ 4Mbps	5356	See Above	$ 342.50	Port
AT&T MIS w/Mgd Router @ 4.5Mbps	5357	See Above	$ 348.75	Port
AT&T MIS w/Mgd Router @ 5Mbps	5358	See Above	$ 355.00	Port
AT&T MIS w/Mgd Router @ 6Mbps	5359	See Above	$ 386.25	Port
AT&T MIS w/Mgd Router @ 6Mbps NxT1	5359	See Above	$ 386.25	Port
AT&T MIS w/Mgd Router @ 7Mbps	5360	See Above	$ 573.75	Port
AT&T MIS w/Mgd Router @ 7.5 Mbps	5385	See Above	$ 590.00	Port
AT&T MIS w/Mgd Router @ 8Mbps	5361	See Above	$ 611.25	Port
AT&T MIS w/Mgd Router @ 9Mbps	5362	See Above	$ 648.75	Port
AT&T MIS w/Mgd Router @ 9Mbps NxT1	5362	See Above	$ 648.75	Port
AT&T MIS w/Mgd Router @ 10Mbps	5363	See Above	$ 680.00	Port
AT&T MIS w/Mgd Router @ 10.5 Mbps	5386	See Above	$ 698.75	Port
AT&T MIS w/Mgd Router @ 12 Mbps	5387	See Above	$ 767.50	Port

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
AT&T MIS w/Mgd Router @ 15Mbps	5364	See Above	$ 836.25	Port
AT&T MIS w/Mgd Router @ 20Mbps	5365	See Above	$ 992.50	Port
AT&T MIS w/Mgd Router @ 25Mbps	5366	See Above	$ 1,151.25	Port
AT&T MIS w/Mgd Router @ 30Mbps	5367	See Above	$ 1,307.50	Port
AT&T MIS w/Mgd Router @ 35Mbps	5368	See Above	$ 1,467.50	Port
AT&T MIS w/Mgd Router @ 40Mbps	5369	See Above	$ 1,623.75	Port
AT&T MIS w/Mgd Router @ 45Mbps	5370	See Above	$ 1,782.50	Port
AT&T MIS w/Mgd Router @ 60Mbps	5374	See Above	$ 2,251.25	Port
AT&T MIS w/Mgd Router @ 155 Mbps (OC3)	5716	See Above	$ 4,745.00	Port
AT&T MIS w/Mgd Router @ 622 Mbps (OC12)	6529	See Above	$13,126.25	Port
AT&T MIS w/Mgd Router @ 2.45 Gbps (OC48)	6840	See Above	$49,763.75	Port

HI CAP FLEX T3 - PRIVATE LINE, ATM (ASYNCHRONOUS TRANSFER MODE)

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap T3 2 Mbps	7400	N/C	$ 236.00	Port	248.50	Per Mbps
MIS HiCap T3 3 Mbps	7401	N/C	$ 340.00	Port	238.00	Per Mbps
MIS HiCap T3 4 Mbps	7402	N/C	$ 430.00	Port	227.50	Per Mbps
MIS HiCap T3 5 Mbps	7403	N/C	$ 450.00	Port	189.00	Per Mbps
MIS HiCap T3 6 Mbps	7404	N/C	$ 500.00	Port	175.00	Per Mbps
MIS HiCap T3 7 Mbps	7405	N/C	$ 566.00	Port	171.50	Per Mbps
MIS HiCap T3 8 Mbps	7406	N/C	$ 626.00	Port	164.50	Per Mbps
MIS HiCap T3 9 Mbps	7407	N/C	$ 686.00	Port	161.00	Per Mbps
MIS HiCap T3 10 Mbps	7408	N/C	$ 736.00	Port	157.50	Per Mbps
MIS HiCap T3 15 Mbps	7409	N/C	$ 986.00	Port	140.00	Per Mbps
MIS HiCap T3.20 Mbps	7410	N/C	$ 1,236.00	Port	133.00	Per Mbps
MIS HiCap T3 25 Mbps	7411	N/C	$ 1,490.00	Port	126.00	Per Mbps
MIS HiCap T3 30 Mbps	7412	N/C	$ 1,740.00	Port	122.50	Per Mbps
MIS HiCap T3 35 Mbps	7413	N/C	$ 1,996.00	Port	122.50	Per Mbps
MIS HiCap T3 40 Mbps	7414	N/C	$ 2,246.00	Port	119.00	Per Mbps
MIS HiCap T3 45 Mbps	7415	N/C	$ 2,500.00	Port	N/A	Per Mbps

HI CAP FLEX T3 - PRIVATE LINE, ATM (ASYNCHRONOUS TRANSFER MODE) with Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap T3 w/Mgd Rtr 2 Mbps	7420	See Above	$ 354.00	Port	248.50	Per Mbps
MIS HiCap T3 w/Mgd Rtr 3 Mbps	7421	See Above	$ 458.00	Port	238.00	Per Mbps
MIS HiCap T3 w/Mgd Rtr 4 Mbps	7422	See Above	$ 548.00	Port	227.50	Per Mbps
MIS HiCap T3 w/Mgd Rtr 5 Mbps	7423	See Above	$ 568.00	Port	189.00	Per Mbps
MIS HiCap T3 w/Mgd Rtr 6 Mbps	7424	See Above	$ 618.00	Port	175.00	Per Mbps

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap T3 w/Mgd Rtr 7 Mbps	7425	See Above	$ 918.00	Port	171.50	Per Mbps
MIS HiCap T3 w/Mgd Rtr 8 Mbps	7426	See Above	$ 978.00	Port	164.50	Per Mbps
MIS HiCap T3 w/Mgd Rtr 9 Mbps	7427	See Above	$ 1,038.00	Port	161.00	Per Mbps
MIS HiCap T3 w/Mgd Rtr 10 Mbps	7428	See Above	$ 1,088.00	Port	157.50	Per Mbps
MIS HiCap T3 w/Mgd Rtr 15 Mbps	7429	See Above	$ 1,338.00	Port	140.00	Per Mbps
MIS HiCap T3 w/Mgd Rtr 20 Mbps	7430	See Above	$ 1,588.00	Port	133.00	Per Mbps
MIS HiCap T3 w/Mgd Rtr 25 Mbps	7431	See Above	$ 1,842.00	Port	126.00	Per Mbps
MIS HiCap T3 w/Mgd Rtr 30 Mbps	7432	See Above	$ 2,092.00	Port	122.50	Per Mbps
MIS HiCap T3 w/Mgd Rtr 35 Mbps	7433	See Above	$ 2,348.00	Port	122.50	Per Mbps
MIS HiCap T3 w/Mgd Rtr 40 Mbps	7434	See Above	$ 2,598.00	Port	119.00	Per Mbps
MIS HiCap T3 w/Mgd Rtr 45 Mbps	7435	See Above	$ 2,852.00	Port	N/A	Per Mbps

HI CAP FLEX OC3 - PRIVATE LINE

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap OC3 35 Mbps	8050	N/C	$ 1,996.00	Port	122.50	Per Mbps
MIS HiCap OC3 40 Mbps	8051	N/C	$ 2,246.00	Port	119.00	Per Mbps
MIS HiCap OC3 45 Mbps	8052	N/C	$ 2,500.00	Port	119.00	Per Mbps
MIS HiCap OC3 60 Mbps	8053	N/C	$ 3,130.00	Port	112.00	Per Mbps
MIS HiCap OC3 70 Mbps	8054	N/C	$ 3,550.00	Port	108.50	Per Mbps
MIS HiCap OC3 80 Mbps	8055	N/C	$ 3,970.00	Port	105.00	Per Mbps
MIS HiCap OC3 90 Mbps	8056	N/C	$ 4,390.00	Port	105.00	Per Mbps
MIS HiCap OC3 100 Mbps	8057	N/C	$ 4,810.00	Port	101.50	Per Mbps
MIS HiCap OC3 120 Mbps	8058	N/C	$ 5,650.00	Port	101.50	Per Mbps
MIS HiCap OC3 144 Mbps	8059	N/C	$ 6,490.00	Port	98.00	Per Mbps
MIS HiCap OC3 155 Mbps	8060	N/C	$ 7,120.00	Port	N/A	Per Mbps

HI CAP FLEX OC3 - PRIVATE LINE with Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap OC3 w/Mgd Rtr 35 Mbps	8070	See Above	$ 2,348.00	Port	122.50	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 40 Mbps	8071	See Above	$ 2,598.00	Port	119.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 45 Mbps	8072	See Above	$ 2,852.00	Port	119.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 60 Mbps	8073	See Above	$ 3,602.00	Port	112.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 70 Mbps	8074	See Above	$ 4,022.00	Port	108.50	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 80 Mbps	8075	See Above	$ 4,442.00	Port	105.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 90 Mbps	8076	See Above	$ 4,862.00	Port	105.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 100 Mbps	8077	See Above	$ 5,282.00	Port	101.50	Per Mbps

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap OC3 w/Mgd Rtr 120 Mbps	8078	See Above	$ 6,122.00	Port	101.50	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 144 Mbps	8079	See Above	$ 6,962.00	Port	98.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 155 Mbps	8080	See Above	$ 7,592.00	Port	N/A	Per Mbps

HI CAP FLEX OC12 - PRIVATE LINE

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap OC12 70 Mbps	7500	N/C	$ 3,550.00	Port	$ 108.50	Per Mbps
MIS HiCap OC12 80 Mbps	7501	N/C	$ 3,970.00	Port	$ 105.00	Per Mbps
MIS HiCap OC12 90 Mbps	7502	N/C	$ 4,390.00	Port	$ 105.00	Per Mbps
MIS HiCap OC12 100 Mbps	7503	N/C	$ 4,810.00	Port	$ 101.50	Per Mbps
MIS HiCap OC12 120 Mbps	7504	N/C	$ 5,650.00	Port	$ 101.50	Per Mbps
MIS HiCap OC12 144 Mbps	7505	N/C	$ 6,490.00	Port	$ 98.00	Per Mbps
MIS HiCap OC12 155 Mbps	7506	N/C	$ 7,120.00	Port	$ 98.00	Per Mbps
MIS HiCap OC12 200 Mbps	7507	N/C	$ 8,390.00	Port	$ 91.00	Per Mbps
MIS HiCap OC12 250 Mbps	7508	N/C	$ 9,806.00	Port	$ 84.00	Per Mbps
MIS HiCap OC12 300 Mbps	7509	N/C	$11,220.00	Port	$ 80.50	Per Mbps
MIS HiCap OC12 350 Mbps	7510	N/C	$12,640.00	Port	$ 77.00	Per Mbps
MIS HiCap OC12 400 Mbps	7511	N/C	$14,056.00	Port	$ 77.00	Per Mbps
MIS HiCap OC12 450 Mbps	7512	N/C	$15,470.00	Port	$ 73.50	Per Mbps
MIS HiCap OC12 500 Mbps	7513	N/C	$16,886.00	Port	$ 73.50	Per Mbps
MIS HiCap OC12 550 Mbps	7514	N/C	$18,300.00	Port	$ 70.00	Per Mbps
MIS HiCap OC12 600 Mbps	7515	N/C	$19,716.00	Port	$ 70.00	Per Mbps
MIS HiCap OC12 622 Mbps	7516	N/C	$20,280.00	Port	N/A	Per Mbps

HI CAP FLEX OC12 - PRIVATE LINE - with Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap OC3 w/Mgd Rtr 70 Mbps	7525	See Above	$ 4,022.00	Port	$ 108.50	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 80 Mbps	7526	See Above	$ 4,442.00	Port	$ 105.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 90 Mbps	7527	See Above	$ 4,862.00	Port	$ 105.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 100 Mbps	7528	See Above	$ 5,282.00	Port	$ 101.50	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 120 Mbps	7529	See Above	$ 6,122.00	Port	$ 101.50	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 144 Mbps	7530	See Above	$ 6,962.00	Port	$ 98.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 155 Mbps	7531	See Above	$ 7,592.00	Port	$ 98.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 200 Mbps	7532	See Above	$ 9,112.00	Port	$ 91.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 250 Mbps	7533	See Above	$10,528.00	Port	$ 84.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 300 Mbps	7534	See Above	$11,942.00	Port	$ 80.50	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 350 Mbps	7535	See Above	$13,362.00	Port	$ 77.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 400 Mbps	7536	See Above	$14,778.00	Port	$ 77.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 450 Mbps	7537	See Above	$16,192.00	Port	$ 73.50	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 500 Mbps	7538	See Above	$17,608.00	Port	$ 73.50	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 550 Mbps	7539	See Above	$19,022.00	Port	$ 70.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 600 Mbps	7540	See Above	$20,438.00	Port	$ 70.00	Per Mbps
MIS HiCap OC3 w/Mgd Rtr 622 Mbps	7541	See Above	$21,002.00	Port	N/A	Per Mbps

HI CAP FLEX OC48 - PRIVATE LINE

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap OC48 600 Mbps	7450	N/C	$19,716.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 622 Mbps	7451	N/C	$20,280.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 700 Mbps	7452	N/C	$22,546.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 800 Mbps	7453	N/C	$25,376.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 1250 Mbps	7454	N/C	$40,500.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 1550 Mbps	7455	N/C	$50,000.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 1850 Mbps	7456	N/C	$59,500.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 2150 Mbps[1]	7457	N/C	$69,000.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 2450 Mbps[1]	7458	N/C	$78,400.00	Port	N/A	N/A

[1]Due a technical limitation with the Cisco Gigabit Router cards, actual speed of the service is limited to 1.9 Gbps. Therefore, 1850 Mbps should be the highest "Minimum Bandwidth Commitment" offered to customers at this time.

HI CAP FLEX OC48 – PRIVATE LINE – With Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap OC48 600 Mbps	7470	See Above	$20,438.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 622 Mbps	7471	See Above	$21,002.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 700 Mbps	7472	See Above	$23,268.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 800 Mbps	7473	See Above	$26,098.00	Port	$ 70.00	Per Mbps

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS HiCap OC48 1250 Mbps	7474	See Above	$41,722.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 1550 Mbps	7475	See Above	$51,222.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 1850 Mbps	7476	See Above	$60,722.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 2150 Mbps[1]	7477	See Above	$70,222.00	Port	$ 70.00	Per Mbps
MIS HiCap OC48 2450 Mbps[1]	7478	See Above	$79,622.00	Port	N/A	N/A

[1]Due a technical limitation with the Cisco Gigabit Router cards, actual speed of the service is limited to 1.9 Gbps. Therefore, 1850 Mbps should be the highest "Minimum Bandwidth Commitment" offered to customers at this time.

HI CAP FLEX ETHERNET PORT ONLY

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS Minimum Bandwidth Commitment Ethernet 2 Mbps	8301	$0.00	$165.20	Port	$99.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 3 Mbps	8302	$0.00	$238.00	Port	$95.20	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 4 Mbps	8303	$0.00	$301.00	Port	$91.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 5 Mbps	8304	$0.00	$315.00	Port	$75.60	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 6 Mbps	8305	$0.00	$350.00	Port	$70.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 7 Mbps	8306	$0.00	$396.20	Port	$68.60	Per Mbps

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS Minimum Bandwidth Commitment Ethernet 8 Mbps	8307	$0.00	$438.20	Port	65.80	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 9 Mbps	8308	$0.00	$480.20	Port	$64.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 10 Mbps	8309	$0.00	$515.20	Port	$63.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 15 Mbps	8310	$0.00	$690.20	Port	$56.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 20 Mbps	8311	$0.00	$865.20	Port	$53.20	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 25 Mbps	8312	$0.00	$1,043.00	Port	$50.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 30 Mbps	8313	$0.00	$1,218.00	Port	$49.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 35 Mbps	8314	$0.00	$1,397.20	Port	$49.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 40 Mbps	8315	$0.00	$1,235.30	Port	$37.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 45 Mbps	8316	$0.00	$1,375.00	Port	$37.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 50 Mbps	8382	$0.00	$1,489.40	Port	$36.30	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 60 Mbps	8317	$0.00	$1,721.50	Port	$35.20	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 70 Mbps[2]	8318	$0.00	$1,952.50	Port	$34.10	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 80 Mbps[2]	8319	$0.00	$2,183.50	Port	$33.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 90 Mbps[2]	8320	$0.00	$2,414.50	Port	$33.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 100 Mbps[2]	8321	$0.00	$2,645.50	Port	$31.90	Per Mbps

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS Minimum Bandwidth Commitment Ethernet 120 Mbps	8346	$0.00	$3,107.50	Port	$31.90	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 144 Mbps	8347	$0.00	$3,569.50	Port	$30.80	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 155 Mbps	8348	$0.00	$3,916.00	Port	$30.80	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 200 Mbps	8349	$0.00	$4,614.50	Port	$28.60	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 250 Mbps	8350	$0.00	$5,393.30	Port	$26.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 300 Mbps	8351	$0.00	$6,171.00	Port	$25.30	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 350 Mbps	8352	$0.00	$6,320.00	Port	$22.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 400 Mbps	8353	$0.00	$7,028.00	Port	$22.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 450 Mbps	8354	$0.00	$7,735.00	Port	$21.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 500 Mbps	8355	$0.00	$8,443.00	Port	$21.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 550 Mbps	8356	$0.00	$9,150.00	Port	$20.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 600 Mbps	8357	$0.00	$9,858.00	Port	$20.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 622 Mbps	8358	$0.00	$10,140.00	Port	$20.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 700 Mbps	8359	$0.00	$10,145.70	Port	$18.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 800 Mbps[4]	8360	$0.00	$11,419.20	Port	$18.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet 900 Mbps[4]	8361	$0.00	$12,757.50	Port	$18.00	Per Mbps

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS Minimum Bandwidth Commitment Ethernet 1000 Mbps[4]	8362	$0.00	$14,085.00	Port	N/A	Per Mbps

[2]Only available where Multi-Service Edge (MSE) Routers are deployed and requires MIS Offer approval.
[4]Requires MIS Offer Approval before quoting Loop or Port - Not available in all locations.

HI CAP FLEX ETHERNET PORT ONLY – with Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
On-Site Install Charges apply - see MIS Install Table above.						
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 2 Mbps	8323	$0.00	$247.80	Port	$99.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 3 Mbps	8324	$0.00	$320.60	Port	$95.20	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 4 Mbps	8325	$0.00	$383.60	Port	$91.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 5 Mbps	8326	$0.00	$397.60	Port	$75.60	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 6 Mbps	8327	$0.00	$432.60	Port	$70.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 7 Mbps	8328	$0.00	$642.60	Port	$68.60	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 8 Mbps	8329	$0.00	$684.60	Port	$65.80	Per Mbps

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 9 Mbps	8330	$0.00	$726.60	Port	$64.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 10 Mbps	8331	$0.00	$761.60	Port	$63.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 15 Mbps	8332	$0.00	$936.60	Port	$56.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 20 Mbps	8333	$0.00	$1,111.60	Port	$53.20	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 25 Mbps	8334	$0.00	$1,289.40	Port	$50.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 30 Mbps	8335	$0.00	$1,464.40	Port	$49.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 35 Mbps	8336	$0.00	$1,643.60	Port	$49.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 40 Mbps	8337	$0.00	$1,428.90	Port	$37.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 45 Mbps	8338	$0.00	$1,568.60	Port	$37.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 50 Mbps	8383	$0.00	$1,719.30	Port	$36.30	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 60 Mbps	8339	$0.00	$1,981.10	Port	$35.20	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 70 Mbps[2]	8340	$0.00	$2,212.10	Port	$34.10	Per Mbps

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 80 Mbps[2]	8341	$0.00	$2,443.10	Port	$33.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 90 Mbps[2]	8342	$0.00	$2,674.10	Port	$33.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 100 Mbps[2]	8343	$0.00	$2,905.10	Port	$31.90	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 120 Mbps	8365	$0.00	$3,367.10	Port	$31.90	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 144 Mbps	8366	$0.00	$3,829.10	Port	$30.80	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 155 Mbps	8367	$0.00	$4,175.60	Port	$30.80	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 200 Mbps	8368	$0.00	$5,011.60	Port	$28.60	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 250 Mbps	8369	$0.00	$5,790.40	Port	$26.40	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 300 Mbps	8370	$0.00	$6,568.10	Port	$25.30	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 350 Mbps	8371	$0.00	$6,681.00	Port	$22.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 400 Mbps	8372	$0.00	$7,389.00	Port	$22.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 450 Mbps	8373	$0.00	$8,096.00	Port	$21.00	Per Mbps

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure	Incremental Usage Recurring Rate	Unit of Measure
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 500 Mbps	8374	$0.00	$8,804.00	Port	$21.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 550 Mbps	8375	$0.00	$9,511.00	Port	$20.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 600 Mbps	8376	$0.00	$10,219.00	Port	$20.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 622 Mbps	8377	$0.00	$10,501.00	Port	$20.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 700 Mbps	8378	$0.00	$10,470.60	Port	$18.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 800 Mbps[4]	8379	$0.00	$11,744.10	Port	$18.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 900 Mbps[4]	8380	$0.00	$13,307.40	Port	$18.00	Per Mbps
MIS Minimum Bandwidth Commitment Ethernet w/Mgd Rtr 1000 Mbps[4]	8381	$0.00	$14,634.90	Port	N/A	Per Mbps

[2]Only available where Multi-Service Edge (MSE) Routers are deployed and requires MIS Offer approval.
[4]Requires MIS Offer Approval before quoting Loop or Port - Not available in all locations.

ETHERNET ACCESS to LONG DISTANCE POP

Used with HI CAP FLEX ETHERNET PORT ONLY service.

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
100-Base-TX 2 Mbps Ethernet	LNET2	$0.00	$450.00	Per circuit
100-Base-TX 4 Mbps Ethernet	LNET4	$0.00	$500.00	Per circuit
100-Base-TX 5 Mbps Ethernet	LNET5	$0.00	$540.00	Per circuit
100-Base-TX 8 Mbps Ethernet	LNET8	$0.00	$590.00	Per circuit
100-Base-TX 10 Mbps Ethernet	LNET10	$0.00	$720.00	Per circuit
100-Base-TX 20 Mbps Ethernet	LNET20	$0.00	$860.00	Per circuit
100-Base-TX 50 Mbps Ethernet	LNET50	$0.00.	$975.00	Per circuit
100-Base-TX 100 Mbps Ethernet	LNET100	$0.00	$1,125.00	Per circuit
1000-Base-SX/LX 150 Mbps Ethernet	LNET150	$0.00	$1,400.00	Per circuit
1000-Base-SX/LX 250 Mbps Ethernet	LNET250	$0.00	$1,725.00	Per circuit
1000-Base-SX/LX 500 Mbps Ethernet	LNET500	$0.00	$2,200.00	Per circuit
1000-Base-SX/LX 1000 Mbps Ethernet	LNET1G	$0.00	$3,200.00	Per circuit

BURSTABLE T1 - PRIVATE LINE, FRAME RELAY

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable T1 Up to 128 Kbps	7301	N/C	$ 148.50	Port
MIS Burstable T1 128.01 to 256 Kbps		N/C	$ 187.00	Port
MIS Burstable T1 256.01 to 384 Kbps		N/C	$ 222.75	Port
MIS Burstable T1 384.01 to 512 Kbps		N/C	$ 258.50	Port
MIS Burstable T1 512.01 to full T1		N/C	$ 310.75	Port

BURSTABLE T1 - PRIVATE LINE, FRAME RELAY - with Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable T1 w/Mgd Rtr Up to 128 Kbps	7302	See Above	$ 187.00	Port
MIS Burstable T1 w/Mgd Rtr 128.01 to 256 Kbps		See Above	$ 225.50	Port
MIS Burstable T1 w/Mgd Rtr 256.01 to 384 Kbps		See Above	$ 261.25	Port
MIS Burstable T1 w/Mgd Rtr 384.01 to 512 Kbps		See Above	$ 297.00	Port
MIS Burstable T1 w/Mgd Rtr 512.01 to full T1		See Above	$ 349.25	Port

BURSTABLE T3 - PRIVATE LINE, ATM

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable T3 Up to 6 Mbps	7303	N/C	$ 606.00	Port
MIS Burstable T3 6.01 to 7.5 Mbps		N/C	$ 716.00	Port
MIS Burstable T3 7.51 to 9.0 Mbps		N/C	$ 826.00	Port
MIS Burstable T3 9.01 to 10.5 Mbps		N/C	$ 916.00	Port
MIS Burstable T3 10.51 to 12.0 Mbps		N/C	$ 1,006.00	Port
MIS Burstable T3 12.01 to 13.5 Mbps		N/C	$ 1,096.00	Port
MIS Burstable T3 13.51 to 15.0 Mbps		N/C	$ 1,186.00	Port
MIS Burstable T3 15.01 to 16.5 Mbps		N/C	$ 1,260.00	Port
MIS Burstable T3 16.51 to 18.0 Mbps		N/C	$ 1,336.00	Port
MIS Burstable T3 18.01 to 19.5 Mbps		N/C	$ 1,410.00	Port
MIS Burstable T3 19.51 to 21.0 Mbps		N/C	$ 1,486.00	Port
MIS Burstable T3 21.01 to 45.0 Mbps		N/C	$ 3,006.00	Port

BURSTABLE T3 - PRIVATE LINE, ATM - with Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable T3 w/Mgd Router Up to 6 Mbps	7304	See Above	$ 724.00	Port

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable T3 w/Mgd Router 6.01 to 7.5 Mbps		See Above	$ 1,068.00	Port
MIS Burstable T3 w/Mgd Router 7.51 to 9.0 Mbps		See Above	$ 1,178.00	Port
MIS Burstable T3 w/Mgd Router 9.01 to 10.5 Mbps		See Above	$ 1,268.00	Port
MIS Burstable T3 w/Mgd Router 10.51 to 12.0 Mbps		See Above	$ 1,358.00	Port
MIS Burstable T3 w/Mgd Router 12.01 to 13.5 Mbps		See Above	$ 1,448.00	Port
MIS Burstable T3 w/Mgd Router 13.51 to 15.0 Mbps		See Above	$ 1,538.00	Port
MIS Burstable T3 w/Mgd Router 15.01 to 16.5 Mbps		See Above	$ 1,612.00	Port
MIS Burstable T3 w/Mgd Router 16.51 to 18.0 Mbps		See Above	$ 1,688.00	Port
MIS Burstable T3 w/Mgd Router 18.01 to 19.5 Mbps		See Above	$ 1,762.00	Port
MIS Burstable T3 w/Mgd Router 19.51 to 21.0 Mbps		See Above	$ 1,838.00	Port
MIS Burstable T3 w/Mgd Router 21.01 to 45.0 Mbps		See Above	$ 3,358.00	Port

BURSTABLE OC3 - PRIVATE LINE

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable OC3 Up to 35 Mbps	7305	N/C	$ 2,396.00	Port
MIS Burstable OC3 35.01 to 45 Mbps		N/C	$ 3,006.00	Port

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable OC3 45.01 to 55 Mbps		N/C	$ 3,506.00	Port
MIS Burstable OC3 55.01 to 65 Mbps		N/C	$ 4,010.00	Port
MIS Burstable OC3 65.01 to 75 Mbps		N/C	$ 4,516.00	Port
MIS Burstable OC3 75.01 to 85 Mbps		N/C	$ 5,020.00	Port
MIS Burstable OC3 85.01 to 100 Mbps		N/C	$ 5,776.00	Port
MIS Burstable OC3 100.01 to 125 Mbps		N/C	$ 7,036.00	Port
MIS Burstable OC3 125.01 to 155 Mbps		N/C	$ 8,546.00	Port

BURSTABLE OC3 - PRIVATE LINE - with Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable OC3 w/Mgd Router Up to 35 Mbps	7306	See Above	$ 2,748.00	Port
MIS Burstable OC3 w/Mgd Router 35.01 to 45 Mbps		See Above	$ 3,358.00	Port
MIS Burstable OC3 w/Mgd Router 45.01 to 55 Mbps		See Above	$ 3,978.00	Port
MIS Burstable OC3 w/Mgd Router 55.01 to 65 Mbps		See Above	$ 4,482.00	Port
MIS Burstable OC3 w/Mgd Router 65.01 to 75 Mbps		See Above	$ 4,988.00	Port
MIS Burstable OC3 w/Mgd Router 75.01 to 85 Mbps		See Above	$ 5,492.00	Port

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable OC3 w/Mgd Router 85.01 to 100 Mbps		See Above	$ 6,248.00	Port
MIS Burstable OC3 w/Mgd Router 100.01 to 125 Mbps		See Above	$ 7,508.00	Port
MIS Burstable OC3 w/Mgd Router 125.01 to 155 Mbps		See Above	$ 9,018.00	Port

BURSTABLE OC-12- PRIVATE LINE

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable OC12 Up to 75 Mbps	7307	N/C	$ 4,516.00	Port
MIS Burstable OC12 75.01 to 150 Mbps		N/C	$ 7,500.00	Port
MIS Burstable OC12 150.01 to 225 Mbps		N/C	$10,486.00	Port
MIS Burstable OC12 225.01 to 300 Mbps		N/C	$13,466.00	Port
MIS Burstable OC12 300.01 to 375 Mbps		N/C	$16,016.00	Port
MIS Burstable OC12 375.01 to 450 Mbps		N/C	$18,566.00	Port
MIS Burstable OC12 450.01 to 525 Mbps		N/C	$21,086.00	Port

MIS Burstable OC12 525.01 to 622 Mbps		N/C	$24,340.00	Port

BURSTABLE OC-12- PRIVATE LINE - with Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable OC12 w/Mgd Router Up to 75 Mbps	7308	See Above	$ 4,988.00	Port
MIS Burstable OC12 w/Mgd Router 75.01 to 150 Mbps		See Above	$ 7,972.00	Port
MIS Burstable OC12 w/Mgd Router 150.01 to 225 Mbps		See Above	$10,958.00	Port
MIS Burstable OC12 w/Mgd Router 225.01 to 300 Mbps		See Above	$14,188.00	Port
MIS Burstable OC12 w/Mgd Router 300.01 to 375 Mbps		See Above	$16,738.00	Port
MIS Burstable OC12 w/Mgd Router 375.01 to 450 Mbps		See Above	$19,288.00	Port
MIS Burstable OC12 w/Mgd Router 450.01 to 525 Mbps		See Above	$21,808.00	Port
MIS Burstable OC12 w/Mgd Router 525.01 to 622 Mbps		See Above	$25,062.00	Port

BURSTABLE OC-48 - PRIVATE LINE

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable OC48 Up to 1250 Mbps	7309	N/C	$48,600.00	Port
MIS Burstable OC48 1251 to 1350 Mbps		N/C	$52,390.00	Port

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS Burstable OC48 1351 to 1450 Mbps		N/C	$56,180.00	Port
MIS Burstable OC48 1451 to 1550 Mbps		N/C	$59,970.00	Port
MIS Burstable OC48 1551 to 1650 Mbps		N/C	$63,760.00	Port
MIS Burstable OC48 1651 to 1750 Mbps		N/C	$67,550.00	Port
MIS Burstable OC48 1751 to 1850 Mbps		N/C	$71,340.00	Port
MIS Burstable OC48 1851 to 1950 Mbps*		N/C	$75,130.00	Port
MIS Burstable OC48 1951 to 2050 Mbps*		N/C	$78,920.00	Port
MIS Burstable OC48 2051 to 2150 Mbps*		N/C	$82,710.00	Port
MIS Burstable OC48 2151 to 2250 Mbps*		N/C	$86,500.00	Port
MIS Burstable OC48 2251 to 2350 Mbps*		N/C	$90,290.00	Port
MIS Burstable OC48 2351 to 2450 Mbps*		N/C	$94,080.00	Port

BURSTABLE OC-48 - PRIVATE LINE - with Managed Router

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS w/Mgd Router Burstable OC48 Up to 1250 Mbps	7310	See Above	$49,822.00	Port

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS w/Mgd Router Burstable OC48 1251 to 1350 Mbps		See Above	$53,612.00	Port
MIS w/Mgd Router Burstable OC48 1351 to 1450 Mbps		See Above	$57,402.00	Port
MIS w/Mgd Router Burstable OC48 1451 to 1550 Mbps		See Above	$61,192.00	Port
MIS w/Mgd Router Burstable OC48 1551 to 1650 Mbps		See Above	$64,982.00	Port
MIS w/Mgd Router Burstable OC48 1651 to 1750 Mbps		See Above	$68,772.00	Port
MIS w/Mgd Router Burstable OC48 1751 to 1850 Mbps		See Above	$72,562.00	Port
MIS w/Mgd Router Burstable OC48 1851 to 1950 Mbps*		See Above	$76,352.00	Port
MIS w/Mgd Router Burstable OC48 1951 to 2050 Mbps*		See Above	$80,142.00	Port
MIS w/Mgd Router Burstable OC48 2051 to 2150 Mbps*		See Above	$83,932.00	Port
MIS w/Mgd Router Burstable OC48 2151 to 2250 Mbps*		See Above	$87,722.00	Port
MIS w/Mgd Router Burstable OC48 2251 to 2350 Mbps*		See Above	$91,512.00	Port

Feature Description	Identifier	Non-Recurring Charge	Recurring Rate	Unit of Measure
MIS w/Mgd Router Burstable OC48 2351 to 2450 Mbps*		See Above	$95,302.00	Port

Optional Features – AT&T Secure E-Mail Gateway (SEG)

Feature Name	Non-Recurring Charge	Recurring Charge	Unit of Measure
SEG Advanced			
• Less than 50	$ 150.00 (Set Up Fee)	$ 6.00	Per Seat
• 50 – 74	None	$ 1.58	Per Seat
• 75 – 99	None	$ 1.40	Per Seat
• 100 – 500	None	$ 1.25	Per Seat
• 501 – 1000	None	$ 1.05	Per Seat
• 1001 – and above	None	$ 1.00	Per Seat
SEG Premium			
• Less than 50	None	$ 9.00	Per Seat
• 50 – 74	None	$ 3.06	Per Seat
• 75 – 99	None	$ 2.77	Per Seat
• 100 – 500	None	$ 2.66	Per Seat
• 501 – 1000	None	$ 2.49	Per Seat
• 1001 – 2500	None	$ 2.39	Per Seat
• 2501 – and above	None	$ 2.29	Per Seat
Archiving – 1 year			
• Less than 50	$ 1,800.00 (Set Up Fee)	$ 4.17	Per Seat
• 50 – 99	None	$ 2.03	Per Seat
• 100 – 750	None	$ 1.70	Per Seat
Archiving – 7 years			

Feature Name	Non-Recurring Charge	Recurring Charge	Unit of Measure
• Less than 50	$ 1,800.00 (Set Up Fee)	$ 4.17	Per Seat
• 50 – 99	None	$ 3.34	Per Seat
• 100 – 750	None	$ 2.80	Per Seat

6.1.3.7 Service Identifier: Frame Relay Service and Asynchronous Transfer Mode (ATM) Data Services

FRAME RELAY

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
Frame Relay DS0 Class of Service Port Termination	FR56K FC56K FC56S RSLFR	$ 300.00	$ 39.00	port term	$ -
Frame Relay DS1 Class of Service Port Termination	FR154 FC154 FC154S RSLFR	$ 300.00	$ 252.00	port term	$ -
Frame Relay DS3 Class of Service Port Termination	FR37M FC37M FC37S RSLFR	$ 954.00	$ 985.00	port term	$ -
Frame Relay Data Link Connection (each additional)	RELAY RELAC RSLDL	N/A	$ 5.00	each	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, 4kbps unit)	CIR4IL	N/A	$ 3.34	each 4kbps pkg	$ 30.00
Fixed Interstate Frame Relay Committed Information Rate (CIR, 4kbps unit)	CIR4IS	N/A	$ 0.98	each 4kbps pkg	$ 30.00
Expedite Option	EODXP	$ 400.00	$ -	Occurrence	
Multi-link Frame Relay 3Mbps	FQP3X	$ 1,200.00	$ 497.00	port	$ -
Multi-link Frame Relay 4.5Mbps	FQP3X	$ 1,250.00	$ 568.00	port	$ -

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
Multi-link Frame Relay 6Mbps	FQP3X	$ 1,800.00	$ 809.00	port	$ -
Multi-link Frame Relay 12Mbps	FQP3X	$ 3,500.00	$ 1,040.00	port	$ -
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 4 kbps	CIR4	$ -	$ 3.50	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 8 kbps	CIR8	$ -	$ 6.96	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 16 kbps	CIR16	$ -	$ 13.87	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 32 kbps	CIR32	$ -	$ 27.62	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 48 kbps	CIR48	$ -	$ 41.28	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 56 kbps	CIR56	$ -	$ 47.99	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 64 kbps	CIR64	$ -	$ 54.72	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 128 kbps	CIR128	$ -	$ 95.24	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR,	CIR192	$ -	$ 144.96	pvc	$ 30.00

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
specific bit rates), 192 kbps					
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 256 kbps	CIR256	$ -	$ 106.95	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 320 kbps	CIR320	$ -	$ 193.60	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 384 kbps	CIR384	$ -	$ 218.88	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 448 kbps	CIR448	$ -	$ 237.44	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 512 kbps	CIR512	$ -	$ 250.88	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 576 kbps	CIR576	$ -	$ 264.96	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 640 kbps	CIR640	$ -	$ 278.40	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 704 kbps	CIR704	$ -	$ 288.64	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 768 kbps	CIR768	$ -	$ 135.14	pvc	$ 30.00

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 832 kbps	CIR832	$ -	$ 303.68	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 896 kbps	CIR896	$ -	$ 309.12	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 960 kbps	CIR960	$ -	$ 312.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 1.024 Mbps	CIR1K	$ -	$ 322.56	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 1.536 Mbps	CIR15K	$ -	$ 376.32	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 2.0 Mbps	CIR2M	$ -	$ 470.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 3.0 Mbps	CIR3M	$ -	$ 675.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 4.0 Mbps	CIR4M	$ -	$ 860.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 5.0 Mbps	CIR5M	$ -	$ 1,025.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 6.0 Mbps	CIR6M	$ -	$ 1,170.00	pvc	$ 30.00

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 7.0 Mbps	CIR7M	$ -	$ 1,295.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 8.0 Mbps	CIR8M	$ -	$ 1,400.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 9.0 Mbps	CIR9M	$ -	$ 1,485.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 10.0 Mbps	CIR10M	$ -	$ 1,600.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 15.0 Mbps	CIR15M	$ -	$ 2,100.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 20.0 Mbps	CIR20M	$ -	$ 2,640.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 25.0 Mbps	CIR25M	$ -	$ 3,125.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 30.0 Mbps	CIR30M	$ -	$ 3,600.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 35.0 Mbps	CIR35M	$ -	$ 4,095.00	pvc	$ 30.00
Fixed Inter-LATA Frame Relay Committed Information Rate (CIR, specific bit rates), 40.0 Mbps	CIR40M	$ -	$ 4,640.00	pvc	$ 30.00

See Required CPE and Other Equipment for descriptions of additional equipment and service offered

ATM

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
DS1 ATM Port - (UNI)	MT71U MT71US	$ 395.00	$ 265.00	per port	$ -
DS3 ATM Port - (UNI)	MT73U MT73US	$ 1,123.00	$ 700.00	per port	$ -
UNI T1 – 3.0 megabit inverse multiplexing over ATM (IMA)	AUT35	$ 900.00	$ 523.00	Per UNI	$ -
UNI T1 – 4.5Megabit IMA	AUT45	$ 1,050.00	$ 598.00	Per UNI	$ -
UNI T1 – 6.0 megabit IMA	AUT65	$ 1,200.00	$ 852.00	Per UNI	$ -
UNI T1 – 7.5 megabit IMA	APT3X	$ 1,500.00	$ 913.00	Per UNI	$ -
UNI T1 – 9.0 megabit IMA	APT3X	$ 1,500.00	$ 973.00	Per UNI	$ -
UNI T1 – 10.5 megabit IMA	APT3X	$ 1,500.00	$ 1,034.00	Per UNI	$ -
UNI T1 – 12.0 megabit IMA	AUT75	$ 1,500.00	$ 1,095.00	Per UNI	$ -
OC3c ATM Port	MT7CU MT7CUS	$ 1,123.00	$ 1,330.00	Per UNI	$ -
Virtual Channel Connection (each additional per port)	CVC	$ -	$ 5.00	per port	$ 50.00
Virtual Path Connection (each additional per port)	CVP	$ -	$ 18.00	per port	$ 50.00
Constant Bit Rate Inter-LATA					

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
128 Kbps Unit	CBR128	N/A	$ 187.04	per unit	N/A
256Kbps	CBR256	N/A	$ 304.64	per unit	N/A
384 Kbps	CBR384	N/A	$ 383.04	per unit	N/A
512 Kbps	CBR512	N/A	$ 439.04	per unit	N/A
768 Kbps	CBR768	N/A	$ 517.44	per unit	N/A
1.024 Mbps	CBR1K	N/A	$ 564.48	per unit	N/A
1.344 Mbps	CBR15K	N/A	$ 488.78	per unit	N/A
2.048 Mbps	CBR2	N/A	$ 822.50	per unit	N/A
3.072 Mbps	CBR3	N/A	$ 1,181.25	per unit	N/A
3.840 Mbps	CBR4	N/A	$ 1,505.00	per unit	N/A
6.144 Mbps	CBR6	N/A	$ 2,047.50	per unit	N/A
7.680 Mbps	CBR8	N/A	$ 2,450.00	per unit	N/A
9.600 Mbps	CBR10	N/A	$ 2,800.00	per unit	N/A
10.752 Mbps	CBR11	N/A	$ 2,887.50	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
12.288 Mbps	CBR12	N/A	$ 3,045.00	per unit	N/A
15.360 Mbps	CBR15	N/A	$ 3,675.00	per unit	N/A
19.000 Mbps	CBR19	N/A	$ 4,322.50	per unit	N/A
28.000 Mbps	CBR30	N/A	$ 6,300.00	per unit	N/A
35.800 Mbps	CBR35	N/A	$ 7,166.25	per unit	N/A
45,000 Mbps	CBR45	N/A	$ 9,056.25	per unit	N/A
Constant Bit Rate interstate					
128 Kbps	CBT128	N/A	$ 187.04	per unit	N/A
256Kbps	CBT256	N/A	$ 304.64	per unit	N/A
384 Kbps	CBT384	N/A	$ 383.04	per unit	N/A
512 Kbps	CBT512	N/A	$ 439.04	per unit	N/A
768 Kbps	CBT768	N/A	$ 517.44	per unit	N/A
1.024 Mbps	CBT1K	N/A	$ 564.48	per unit	N/A
1.344 Mbps	CBT15K	N/A	$ 488.78	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
2.048 Mbps	CBT2	N/A	$ 822.50	per unit	N/A
3.072 Mbps	CBT3	N/A	$ 1,181.25	per unit	N/A
3.840 Mbps	CBT4	N/A	$ 1,505.00	per unit	N/A
6.144 Mbps	CBT6	N/A	$ 2,047.50	per unit	N/A
7.680 Mbps	CBT8	N/A	$ 2,450.00	per unit	N/A
9.600 Mbps	CBT10	N/A	$ 2,800.00	per unit	N/A
10.752 Mbps	CBT11	N/A	$ 2,887.50	per unit	N/A
12.288 Mbps	CBT12	N/A	$ 3,045.00	per unit	N/A
15.360 Mbps	CBT15	N/A	$ 3,675.00	per unit	N/A
19.000 Mbps	CBT19	N/A	$ 4,322.50	per unit	N/A
28.000 Mbps	CBT30	N/A	$ 6,300.00	per unit	N/A
35.800 Mbps	CBT35	N/A	$ 7,166.25	per unit	N/A
45,000 Mbps	CBT45	N/A	$ 9,056.25	per unit	N/A
70,000 Mbps	CBT70	N/A	$ 13,475.00	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
100,000 Mbps	CBT100	N/A	$ 18,375.00	per unit	N/A
125,000 Mbps	CBT125	N/A	$ 21,875.00	per unit	N/A
150,000 Mbps	CBT145	N/A	$ 24,106.25	per unit	N/A
Variable Bit Rate inter-LATA					
128 Kbps	VBR128	N/A	$ 128.26	per unit	N/A
256Kbps	VBR256	N/A	$ 208.90	per unit	N/A
384 Kbps	VBR384	N/A	$ 262.66	per unit	N/A
512 Kbps	VBR512	N/A	$ 301.06	per unit	N/A
768 Kbps	VBR768	N/A	$ 354.82	per unit	N/A
1.024 Mbps	VBR1K	N/A	$ 387.07	per unit	N/A
1.344 Mbps	VBR15K	N/A	$ 451.58	per unit	N/A
2.048 Mbps	VBR2	N/A	$ 564.00	per unit	N/A
3.072 Mbps	VBR3	N/A	$ 810.00	per unit	N/A
3.840 Mbps	VBR4	N/A	$ 1,032.00	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
6.144 Mbps	VBR6	N/A	$ 1,404.00	per unit	N/A
7.680 Mbps	VBR8	N/A	$ 1,680.00	per unit	N/A
9.600 Mbps	VBR10	N/A	$ 1,920.00	per unit	N/A
10.752 Mbps	VBR11	N/A	$ 1,980.00	per unit	N/A
12.288 Mbps	VBR12	N/A	$ 2,088.00	per unit	N/A
15.360 Mbps	VBR15	N/A	$ 2,520.00	per unit	N/A
19.000 Mbps	VBR19	N/A	$ 2,964.00	per unit	N/A
28.000 Mbps	VBR30	N/A	$ 4,320.00	per unit	N/A
35.800 Mbps	VBR35	N/A	$ 4,914.00	per unit	N/A
45 Mbps	VBR45	N/A	$ 6,210.00	per unit	N/A
70 Mbps	VBR70	N/A	$ 9,240.00	per unit	N/A
100 Mbps	VBR100	N/A	$ 12,600.00	per unit	N/A
125 Mbps	VBR125	N/A	$ 15,000.00	per unit	N/A
150 Mbps	VBR145	N/A	$ 16,530.00	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
Variable Bit Rate interstate					
128 Kbps Unit	VBT128	N/A	$ 128.26	per unit	N/A
256Kbps	VBT256	N/A	$ 208.90	per unit	N/A
384 Kbps	VBT384	N/A	$ 262.66	per unit	N/A
512 Kbps	VBT512	N/A	$ 301.06	per unit	N/A
768 Kbps	VBT768	N/A	$ 354.82	per unit	N/A
1.024 Mbps	VBT1K	N/A	$ 387.07	per unit	N/A
1.344 Mbps	VBT15K	N/A	$ 451.58	per unit	N/A
2.048 Mbps	VBT2	N/A	$ 564.00	per unit	N/A
3.072 Mbps	VBT3	N/A	$ 810.00	per unit	N/A
3.840 Mbps	VBT4	N/A	$ 1,032.00	per unit	N/A
6.144 Mbps	VBT6	N/A	$ 1,404.00	per unit	N/A
7.680 Mbps	VBT8	N/A	$ 1,680.00	per unit	N/A
9.600 Mbps	VBT10	N/A	$ 1,920.00	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
10.752 Mbps	VBT11	N/A	$ 1,980.00	per unit	N/A
12.288 Mbps	VBT12	N/A	$ 2,088.00	per unit	N/A
15.360 Mbps	VBT15	N/A	$ 2,520.00	per unit	N/A
19.000 Mbps	VBT19	N/A	$ 2,964.00	per unit	N/A
28.000 Mbps	VBT30	N/A	$ 4,320.00	per unit	N/A
35.800 Mbps	VBT35	N/A	$ 4,914.00	per unit	N/A
45,000 Mbps	VBT45	N/A	$ 6,210.00	per unit	N/A
Unspecified Bit Rate inter-LATA					
128 Kbps	UBR128	N/A	$ 106.88	per unit	N/A
256Kbps	UBR129	N/A	$ 174.08	per unit	N/A
384 Kbps	UBR130	N/A	$ 218.88	per unit	N/A
512 Kbps	UBR131	N/A	$ 250.88	per unit	N/A
768 Kbps	UBR132	N/A	$ 295.68	per unit	N/A
1.024 Mbps	UBR133	N/A	$ 322.56	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
1.344 Mbps	UBR134	N/A	$ 376.32	per unit	N/A
2.048 Mbps	UBR135	N/A	$ 470.00	per unit	N/A
3.072 Mbps	UBR136	N/A	$ 675.00	per unit	N/A
3.840 Mbps	UBR137	N/A	$ 860.00	per unit	N/A
6.144 Mbps	UBR138	N/A	$ 1,170.00	per unit	N/A
7.680 Mbps	UBR139	N/A	$ 1,400.00	per unit	N/A
9.600 Mbps	UBR140	N/A	$ 1,600.00	per unit	N/A
10.752 Mbps	UBR141	N/A	$ 1,650.00	per unit	N/A
12.288 Mbps	UBR142	N/A	$ 1,740.00	per unit	N/A
15.360 Mbps	UBR143	N/A	$ 2,100.00	per unit	N/A
19.000 Mbps	UBR144	N/A	$ 2,470.00	per unit	N/A
28.000 Mbps	UBR145	N/A	$ 3,600.00	per unit	N/A
35.800 Mbps	UBR146	N/A	$ 4,095.00	per unit	N/A
45,000 Mbps	UBR147	N/A	$ 5,175.00	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
70,000 Mbps	UBR148	N/A	$ 7,700.00	per unit	N/A
100,000 Mbps	UBR149	N/A	$ 10,500.00	per unit	N/A
125,000 Mbps	UBR150	N/A	$ 12,500.00	per unit	N/A
150,000 Mbps	UBR151	N/A	$ 13,775.00	per unit	N/A
Unspecified Bit Rate interstate					
128 Kbps	UBT128	N/A	$ 106.88	per unit	N/A
256Kbps	UBT256	N/A	$ 174.08	per unit	N/A
384 Kbps	UBT384	N/A	$ 218.88	per unit	N/A
512 Kbps	UBT512	N/A	$ 250.88	per unit	N/A
768 Kbps	UBT768	N/A	$ 295.68	per unit	N/A
1.024 Mbps	UBT1K	N/A	$ 322.56	per unit	N/A
1.344 Mbps	UBT15K	N/A	$ 376.32	per unit	N/A
2.048 Mbps	UBT2	N/A	$ 470.00	per unit	N/A
3.072 Mbps	UBT3	N/A	$ 675.00	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
3.840 Mbps	UBT4	N/A	$ 860.00	per unit	N/A
6.144 Mbps	UBT6	N/A	$ 1,170.00	per unit	N/A
7.680 Mbps	UBT8	N/A	$ 1,400.00	per unit	N/A
9.600 Mbps	UBT10	N/A	$ 1,600.00	per unit	N/A
10.752 Mbps	UBT11	N/A	$ 1,650.00	per unit	N/A
12.288 Mbps	UBT12	N/A	$ 1,740.00	per unit	N/A
15.360 Mbps	UBT15	N/A	$ 2,100.00	per unit	N/A
19.000 Mbps	UBT19	N/A	$ 2,470.00	per unit	N/A
28.000 Mbps	UBT30	N/A	$ 3,600.00	per unit	N/A
35.800 Mbps	UBT35	N/A	$ 4,095.00	per unit	N/A
45 Mbps	UBT45	N/A	$ 5,175.00	per unit	N/A
70 Mbps	UBT70	N/A	$ 7,700.00	per unit	N/A
100 Mbps	UBT100	N/A	$ 10,500.00	per unit	N/A
125 Mbps	UBT125	N/A	$ 12,500.00	per unit	N/A

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
150 Mbps	UBT145	N/A	$ 13,775.00	per unit	N/A
OC12 ATM Port	APT3X	N/A	$ 3,100.00	per unit	N/A
Expedite Option	EODXP	$ 400.00	$ -	Occurrence	-

See Required CPE and Other Equipment for descriptions of additional equipment and service offered

ATM and Frame Relay Management Service Features

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
Customer Network Management (CNM) X-Terminal	CNMX	$ -	$ -	each	N/A
Customer Network Management (CNM) Web Service (inc. one secure password)	CNM	$ -	$ -	each	N/A

Managed Frame Relay

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
Real time Network Monitoring and Management DS1	MFRDS1 (MFRPNWO and MFRPNWSR200999 and MFRPNWPR0205 and MFRPNWAR)	$ 900.00	$ 140.00	per circuit	$ -
Real time Network Monitoring and Management DS3	MFRDS3 (MFRPNWO and MFRPNWSR200999 and MFRPNWPR0205 and MFRPNWAR)	$ 900.00	$ 140.00	per circuit	$ -
Real time Interstate Frame Relay Monitoring and Management	MFRDS1 (MFRPNWO and MFRPNWSR200999 and MFRPNWPR0205 and MFRPNWAR)	$ 900.00	$ 140.00	per circuit	$ -
See Required CPE and Other Equipment for descriptions of additional equipment and service offered					

6.1.11.2.14 Time to Repair (TTR) – Minor (M)

Services	Time to Repair (TTR)-Minor
Analog Asynchronous Transfer Mode (ATM) Carrier (DS0,DS1,DS3) Frame Relay Managed Frame Relay ISDN Primary Rate Interface (PRI) SONET (Ring and Point-to-Point) AVPN OPT-E-MAN CSME EPLS-WAN FibreMAN MON Ring Ethernet to LD POP Switched 56	**Definition** A Minor Fault shall be defined as a trouble ticket opened with the Contractor's helpdesk on the loss of any circuit or service to a single End-User at a site. **Measurement Process** This Service Level Agreement (SLA) applies to the services listed in the adjacent column. This SLA is based on a trouble ticket outage durations. The circuit or service is unusable during the time the trouble ticket is recorded as open in the Contractors trouble ticket system minus stop clock conditions. This SLA is applied per occurrence. Trouble reporting shall be 7X24. Any circuits or service reported by End-User/Customer as not having been restored shall have the outage time adjusted to the actual restoration time. **Objectives** Analog=less than 5 hours DS0=less than 5 hours DS1=less than 4 hours DS3=less than 2 hours PRI ISDN=less than 5 hours 10/100 Mbps = less than 4 hours 1000 Mbps (1 Gbps) = less than 4 hours OC-X = less than 3 hours **Immediate Rights and Remedies** Failing to meet the SLA Objective shall result in a 15 percent rebate of the TMRC per occurrence. End-User Escalation Process DTS/ONS Escalation Process **Monthly Rights and Remedies** N/A