

**AT&T**  
**Switched Ethernet**  
**Service Guide**

## SECTION 1 - Title Page and Section Index

<b>Section Index</b>		
<b>Section</b>	<b>Sub-section</b>	<b>Section Name</b>
		Title Page
		Table of Contents
<b>SD</b>		Service Description
	<b>SD-1</b>	General
	<b>SD-1.1</b>	Overview
	<b>SD-1.2</b>	Definitions
	<b>SD-1.3</b>	Participating Carriers
	<b>SD-1.4</b>	Ordering
	<b>SD-1.4.1</b>	Order Charges
	<b>SD-1.4.2</b>	Design Change Charge
	<b>SD-1.4.3</b>	Service Date Change Charge/Dispatch Charge
	<b>SD-1.4.4</b>	Cancellation Charges
	<b>SD-1.4.4.1</b>	When Cancellation Charges Do Not Apply
	<b>SD-1.5</b>	Billing
	<b>SD1.5.1</b>	Deposits
	<b>SD1.5.2</b>	Payment of Rates and Charges
	<b>SD1.5.3</b>	Billing Disputes
	<b>SD-2</b>	Service Availability
	<b>SD-3</b>	Provisioning and Service Arrangements
	<b>SD-3.1</b>	Basic Service Arrangement
	<b>SD-3.1.1</b>	Basic Customer Port Connection (Basic Port)
	<b>SD-3.1.2</b>	Committed Information Rate and Class of Service (CoS)
	<b>SD-3.1.3</b>	Ethernet Virtual Connections (EVC)
	<b>SD-3.1.4</b>	Frame Size
	<b>SD-3.2</b>	Per Packet Class of Service
	<b>SD-3.2.1</b>	PPCoS Customer Port Connection (PPCoS port)
	<b>SD-3.2.2</b>	Committed Information Rate (CIR) and Class of Service (CoS) Packages
	<b>SD-3.2.3</b>	Per Packet Class of Service - Classes of Service
	<b>SD-3.2.4</b>	PPCoS Scheduling Method
	<b>SD-3.2.4.1</b>	Port-Level Egress Scheduling
	<b>SD-3.2.4.2</b>	VLAN Level Egress Scheduling
	<b>SD-3.2.5</b>	Ethernet Virtual Connections (EVC)
	<b>SD-3.2.6</b>	Frame Size

SECTION 1 - Title Page and Section Index

<b>Section Index</b>		
<b>Section</b>	<b>Sub-section</b>	<b>Section Name</b>
	<b>SD-4</b>	Features, Functions and Additional Services
	<b>SD-4.1</b>	Regenerator
	<b>SD-4.2</b>	Additional MAC Addresses
	<b>SD-4.3</b>	AT&T BusinessDirect Customer Network Management
	<b>SD-4.4</b>	Alternate Serving Switch
	<b>SD-4.5</b>	Diverse Access
	<b>SD-4.6</b>	Advanced Access Failover
	<b>SD-4.7</b>	Enhanced Multicast
	<b>SD-4.8</b>	Meet Point Arrangements
	<b>SD-4.9</b>	Additional Engineering and Additional Labor
	<b>SD-4.10</b>	Testing
	<b>SD-4.11</b>	Special Construction
	<b>SD-4.12</b>	Billing Media
	<b>SD-5</b>	Traffic Controls and Limitations
<b>SLA</b>		Service Level Agreement
	<b>SLA-1</b>	Class of Service (CoS) SLA
	<b>SLA-2</b>	Network Availability SLA
	<b>SLA-3</b>	Credit Allowance for Service Interruptions
	<b>SLA-4</b>	SLA Exclusions
<b>P</b>		Pricing
	<b>P-1</b>	Rate Elements
	<b>P-2</b>	Ethernet Payment Plan (EPP)
	<b>P-3</b>	Administrative Charge
	<b>P-4</b>	Rates and Charges
	<b>P-4.1</b>	Customer Port Connection
	<b>P-4.1.1</b>	Customer Port Connection (Basic Port) – Nonrecurring Charges and Term Extension MTM Rates
	<b>P-4.1.2</b>	Customer Port Connection (Basic Port) – EPP Monthly Rates
	<b>P-4.1.3</b>	Customer Port Connection (PPCoS Port) – Nonrecurring Charges and Term Extension MTM Rates
	<b>P-4.1.4</b>	Customer Port Connection (PPCoS Port) – EPP Monthly Rates

SECTION 1 - Title Page and Section Index

<b>Section Index</b>		
<b>Section</b>	<b>Sub-section</b>	<b>Section Name</b>
	<b>P-4.2</b>	Class of Service and Committed Information Rate
	<b>P-4.2.1</b>	Nonrecurring Charges
	<b>P-4.2.2</b>	Class of Service and Committed Information Rate – Basic Arrangement – Term Extension MTM Rates
	<b>P-4.2.3</b>	Class of Service and Committed Information Rate – Basic Arrangement – 12 Month Rates
	<b>P-4.2.4</b>	Class of Service and Committed Information Rate – Basic Arrangement – 24 Month Rates
	<b>P-4.2.5</b>	Class of Service and Committed Information Rate – Basic Arrangement – 36 Month Rates
	<b>P-4.2.6</b>	Class of Service and Committed Information Rate – Basic Arrangement – 48 Month Rates
	<b>P-4.2.7</b>	Class of Service and Committed Information Rate – Basic Arrangement – 60 Month Rates
	<b>P-4.2.8</b>	Class of Service and Committed Information Rate – PPCoS Arrangement – Term Extension MTM Rates
	<b>P-4.2.9</b>	Class of Service and Committed Information Rate – PPCoS Arrangement – 12 Month Rates
	<b>P-4.2.10</b>	Class of Service and Committed Information Rate – PPCoS Arrangement – 36 Month Rates
	<b>P-4.2.11</b>	Class of Service and Committed Information Rate – PPCoS Arrangement – 36 Month Rates
	<b>P-4.2.12</b>	Class of Service and Committed Information Rate – PPCoS Arrangement – 48 Month Rates
	<b>P-4.2.13</b>	Class of Service and Committed Information Rate – PPCoS Arrangement – 60 Month Rates
	<b>P-4.3</b>	Optional Features
	<b>P-4.4</b>	Ordering Charges
	<b>P-4.5</b>	Additional Engineering, Additional Labor and Testing Charges
	<b>P-4.6</b>	Billing Media Charges

SECTION 2 - Service Description

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**AT&T Switched Ethernet Service<sup>SM</sup>**

AT&T Switched Ethernet Service is a switched Ethernet transport service providing Ethernet transport functionality using fiber and or copper facilities and a switched Ethernet core network.

The AT&T Switched Ethernet Service Guide consists of the following Parts:

- Service Description (SD)
- Service Level Agreements (SLAs)
- Pricing (P)

**Service Description (SD)****SD-1 General****SD-1.1 Overview**

AT&T Switched Ethernet Service is a switched Ethernet transport service providing Ethernet transport functionality using fiber and copper facilities and a switched Ethernet core network. AT&T Switched Ethernet Service is provided by the applicable AT&T participating carrier. AT&T Switched Ethernet Service provides a port with full duplex transport of data signals between a Customer's premises and an Ethernet switch in an AT&T central office which then may be interconnected with other such ports.

AT&T Switched Ethernet Service supports point-to-point, point-to-multipoint or multipoint-to-multipoint configurations. Point-to-point service provides a connection between two ports. Point-to-multipoint service provides multiple point-to-point connections to multiple ports in the network. Multipoint-to-multipoint service provides a connection between three or more designated ports on the AT&T Switched Ethernet Service network. AT&T shall determine the interface specifications for AT&T Switched Ethernet Service in its sole discretion.

**SD-1.2 Definitions**

As used in this Service Guide, the following terms are defined as appears below:

"AT&T" means the participating carriers identified in the Participating Carrier Table in Section SD-1.3.

"Customer" as used in this Service Guide means any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or any other entity which subscribes to the services offered under this Service Guide, including both wholesale customers and end user customers of AT&T.

"Customer's premises" and "Customer location" (or similar terms) shall mean the location at which the service is terminated, and shall be construed to include an end user's premises, as appropriate in the context, where the Customer is a wholesale Customer and service is terminated at the premises of an end user that is not the Customer of AT&T.

SECTION 2 - Service Description

**SD-1.3 Participating Carriers**

Participating Carriers Table	
States	AT&T Participating Carriers
IL, IN, MI, OH, WI	Illinois Bell Telephone Company
	Indiana Bell Telephone Company
	Michigan Bell Telephone Company
	The Ohio Bell Telephone Company
	Wisconsin Bell, Inc.
AL, FL, GA, KY, LA, MS, NC, SC, TN	BellSouth Telecommunications, LLC
AR, KS, MO, OK, TX	Southwestern Bell Telephone Company
CA	Pacific Bell Telephone Company
NV	Nevada Bell Telephone Company

**SD-1.4 Ordering**

**SD-1.4.1. Order Charges**

An Order Charge applies at certain AT&T participating carriers, per order, for the installation, addition, change, rearrangement or move of services provided in this Service Guide (in addition to other applicable service charges). An Order Charge will apply per order for order cancellations. An Order Charge will also apply per order when a Customer elects to have existing services billed under a payment plan, elects to terminate a payment plan and revert to monthly billing or elects to increase the minimum monthly revenue commitment associated with a payment plan.

An Order Charge will not apply in the following situations:

- Non-chargeable administrative changes where so specified in this Service Guide;
- Order modifications as specified in this Service Guide (Order Modification Charges);
- An Order Modification Charge applies when a Customer requests a modification of its order at any time prior to the service date or notification by AT&T that service is available for the Customer's use, whichever is later. AT&T will make every effort to accommodate a requested modification when it is able to do so during normal business hours with the normal work force assigned to complete such an order. If the modification cannot be made with the normal work force during normal business hours, AT&T will notify the Customer. If the Customer still desires the order modification, AT&T will schedule a new service date. All charges for order modifications will apply on a per occurrence basis.

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**SECTION 2 - Service Description**

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**SD-1.4.2 Design Change Charge**

The Customer may request a design change to the service ordered. A design change is any change to an order which requires engineering review. An engineering review is a review by AT&T personnel of the service ordered and the requested changes to determine what change in the design, if any, are necessary to meet the changes requested by the Customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of port configuration, type of channel interface, type of Class of Service or Committed Information Rate or technical specification package.

Design changes do not include a change of Customer premises, Ethernet serving switch, port speed, or port speed type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

AT&T will review the requested change and notify the Customer whether the change is a design change, if it can be accommodated and if a new service date is required. If a change of service date is required, the Service Date Change Charge will also apply.

The Design Change Charge will apply on a per order per occurrence basis, for each order requiring a design change.

**SD-1.4.3 Service Date Change Charge/Dispatch Charge**

If a Customer is unable to accept service on the original due date, the Customer may issue one or more supplements to an order to change the original due date to a date no more than 120 calendar days after the original due date. When such requests are made, AT&T will accordingly delay the start of service and the Customer will incur a Service Date Change Charge. The first supplement to the order must be received by AT&T on or before 30 calendar days after the original due date.

If a Customer issues a supplement to an order to extend the original due date but is unable to accept Service within 121 calendar days after the original due date, one of the following will apply:

- If Service has not been fully provisioned, AT&T will cancel the order on the 121st calendar day after the original due date and the charges specified will apply, or
- If Service has been fully provisioned, AT&T will begin billing for the Service on the 121st calendar day after the original due date.

If a Customer is unable to accept Service within 31 calendar days after the original due date, and AT&T has not received a supplement to the order to extend the due date within 30 calendar days after the original due date, one of the following will apply:

- If Service has not been fully provisioned, AT&T will cancel the order on the 31st calendar day after the original due date and charges specified will apply, or
- If Service has been fully provisioned, AT&T will begin billing for the Service on the 31st calendar day after the original due date.

## SECTION 2 - Service Description

**SD-1.4.4 Cancellation Charges**

A Customer may cancel an order for the installation of service at any time prior to notification by AT&T that service is available for the Customer's use. The Cancellation Date is the date AT&T receives written notice from the Customer that the order is to be cancelled.

When a Customer cancels an order (or a part of an order) for AT&T Switched Ethernet Service, cancellation charges will apply, even when nonrecurring installation charges would otherwise be waived. Applicable cancellation charges will be calculated based on the number of calendar days between AT&T's receipt of the order and the Cancellation Date. A cancellation charge will apply on a per Port Connection basis as shown in the table below:

<b>Cancellation Charge For AT&amp;T Switched Ethernet Service</b>	
<b>Cancellation Date – Calendar Days after Receipt of Order</b>	<b>Cancellation Charge (Per Port Connection)</b>
0-10	\$0.00
11-30	\$650.00
31-61	\$2,000.00
61+	\$3,000.00

**SD-1.4.4.1 When Cancellation Charges Do Not Apply**

- (1) When a Customer cancels an order for the termination of existing service.
- (2) If AT&T misses a service due date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotion), the Customer may cancel the order without incurring cancellation charges.
- (4) If the Customer cancels a network reconfiguration order (e.g., move, change or disconnect).
- (5) If an order is cancelled because the Customer does not agree to pay applicable Special Construction charges as described in Section SD-4.11.



SECTION 2 - Service Description

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**SD-1.5 Billing****SD-1.5.1 Deposits**

AT&T will, in order to safeguard its interests, only require a Customer which has a proven history of late payments to AT&T or does not have established credit to make a deposit prior to or at any time after the provision of a service to the Customer to be held by AT&T as a guarantee of the payment of rates and charges.

AT&T will notify the Customer of a deposit requirement by Certified Mail or Overnight Delivery. The Customer will be required to make payment of such deposit prior to the provision of new service in those cases where the Customer has not established credit with AT&T, or otherwise within fifteen (15) business days of such notice for Customers with existing services. Such notice period will start the day after the notice is rendered by Certified Mail or Overnight Delivery. If the Customer fails to pay the deposit by the due date, as described above, AT&T may send the Customer a written notice by Overnight Delivery stating that if the deposit is not received within 15 calendar days of the original deposit due date, AT&T may refuse additional applications for service or discontinue the provision of services.

No such deposit will be required of a Customer which is a successor of a Company which has established credit and has no history of late payments to AT&T. Such deposit may not exceed the actual or estimated rates and charges for the service for a two month period. The fact that a deposit has been made in no way relieves the Customer from complying with AT&T's conditions as to the prompt payment of bills. At such time as the provision of the service to the Customer is terminated, the amount of the deposit will be credited to the Customer's account and any credit balance which may remain will be refunded.

Such a deposit will be refunded or credited to the Customer's account when the Customer has established credit or, in any event, after the Customer has established a one-year prompt payment record at any time prior to the termination of the provision of the service to the Customer. In the case of a cash deposit, for the period the deposit is held by AT&T, the Customer will receive simple interest at rates shown in the Deposit Interest Rate Table below. The rate will be calculated from the date the Customer's deposit is received by AT&T up to and including the date such deposit is credited to the Customer's account or the date the deposit is refunded by AT&T. Should a deposit be credited to the Customer's account, as indicated above, no interest will accrue on the deposit from the date such deposit is credited to the Customer's account.

SECTION 2 - Service Description

In the event the provision of all service to the Customer is terminated and AT&T maintains a cash deposit from the Customer, the deposit and any accrued, uncredited interest will be applied to any outstanding sums owed to AT&T, and any remaining balance will be returned to the Customer.

Deposit Interest Rate Table	
States	Deposit Interest Rate
AL, AR, FL, GA, KS, KY, LA, MO, MS, NC, NV, OK, SC, TN, TX	In the case of a cash deposit, for the period the deposit is held by AT&T, the Customer will receive simple interest at the rate of 1.5% per month (.0004931 per day) or 18% annually.
IL, IN, MI, OH, WI	The lower of:  (i) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, applied on a simple interest basis for the number of days from the payment due date to and including the date that the Customer actually makes the payment to AT&T, or  (ii) 0.000493 per day, (annual percentage rate of 18.0%) applied on a simple interest basis for the number of days from the payment date to and including the date that the Customer actually makes the payment to AT&T.
CA	The Customer will receive simple interest at the rate of 1.5 percent per month (18% per year) for each month or portion thereof that a deposit is held.

**SD-1.5.2 Payment of Rates and Charges**

AT&T shall bill on a current basis all charges incurred by and credits due to the Customer attributable to services established or discontinued during the preceding billing period. In addition, AT&T shall bill in advance charges for all services to be provided during the ensuing billing period except for charges associated with service usage and for the Federal Government which will be billed in arrears.

All bills are due when rendered and shall be paid no later than 30 days or 31 days of the bill date, dependent upon the policy of the individual AT&T participating carrier, or by the next bill date, whichever is sooner.

Further, if any portion of the payment is received by AT&T after the payment due date as set forth in (a) preceding, or if any portion of the payment is received by AT&T in funds which are not immediately available to AT&T, then a late payment charge may be due to AT&T. A late payment charge will apply to the unpaid balance less disputed amounts when any portion of the payment is received by AT&T after the payment due date or if any portion of the payment is made in funds which are not immediately available to AT&T.

SECTION 2 - Service Description

The late payment charge shall be the portion of the payment not received by the payment due date times a late factor. The late factor shall be simple interest as shown in the Late Payment Charge Table below.

<b>Late Payment Charge Table</b>	
<b>State</b>	<b>Late Payment Charge</b>
AL, AR, FL, GA, KY, KS, LA, MS, NC, OK, SC, TN	The late payment charge shall be simple interest at the rate of 1.5% per month (.0004931 per day) or 18% annually.
MO	The late payment charge shall be simple interest at the rate of 1.5% per month (.0004931 per day) or 18% annually.  Until such time as AT&T receives authorization to assess late payment charges, late payment charges will not apply to services purchased by the government of the State of Missouri.
TX	The late payment charge shall be simple interest at the rate of 1.5% per month (.0004931 per day) or 18% annually.  Until such time as AT&T receives authorization to assess late payment charges, late payment charges will not apply to services purchased by the government of the State of Texas, including service to an agency in any branch of government.
IL, IN, MI, OH, WI	The late payment penalty shall be the portion of the payment not received by the payment due date times a late factor. The late factor shall be the lesser of:  (i) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, applied on a simple interest basis for the number of days from the payment due date to and including the date that the Customer actually makes the payment to AT&T, or  (ii) 0.000493 per day, (annual percentage rate of 18.0%) applied on a simple interest basis for the number of days from the payment date to and including the date that the Customer actually makes the payment to AT&T.
CA, NV	The late payment charge shall be calculated at 1.5% per month or portion thereof for the period from the due date until the payment is received.

SECTION 2 - Service Description

**SD-1.5.2 Billing Disputes**

In the event that a billing dispute occurs concerning any charges billed to the Customer by AT&T, the following conditions will apply.

A good faith dispute requires the Customer to provide a written claim to AT&T. Instructions for submitting a dispute can be obtained by calling the billing inquiry number shown on the Customer's bill. Such claim must identify in detail the basis for the dispute, the account number under which the bill has been rendered, the date of the bill and the specific items on the bill being disputed, with the dispute date being the date on which the Customer furnishes AT&T all of the aforementioned information to permit AT&T to investigate the merits of the dispute.

The date of resolution shall be the date on which AT&T completes its investigation and credits the disputed amount to the Customer's bill, if the dispute is resolved in the Customer's favor.

If the dispute is decided to be in favor of AT&T, then the resolution date will be the date upon which a written decision on the dispute is sent to the Customer.

If the dispute is resolved in favor of AT&T and the Customer has paid the disputed amount on or before the payment due date, no credits or late payment charges will apply to the disputed amount.

If the dispute is resolved in favor of AT&T and the Customer has withheld the disputed amount, any payments withheld pending settlement of the dispute shall have a late payment charge determined and applied at interest rates as set forth in the Late Payment Charge Table above.

If the dispute is resolved in favor of the Customer and the Customer has withheld the disputed amount, no credits or late payment charges will apply to the disputed amount and the Customer will receive a credit equal to the overcharged amount.

If the dispute is resolved in favor of the Customer and the Customer has paid the disputed amount, the Customer will receive an interest credit from AT&T. The interest credit shall be calculated based upon the portion of the disputed amount resolved in the Customer's favor multiplied by the interest rate shown in the Interest Credit Table below:

<b>Interest Credit Table</b>	
<b>State</b>	<b>Interest Credit</b>
AL, AR, FL, GA, KS, KY, LA, MO, MS, NC, NV, OK, SC, TN, TX	Simple interest at the rate of 1.5% per month (.0004931 per day) or 18% annually.
IL, IN, MI, OH, WI	.000493 per day (annual rate of 18.0%) applied on a simple interest basis.
CA	1.5% per month or portion thereof.

SECTION 2 - Service Description

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**SD-2 Service Availability**

AT&T Switched Ethernet Service provides transport service where suitable equipment and facilities are available in selected geographic areas within the operating territories of AT&T. Where facilities are not available, facilities may be constructed subject to terms as set forth in Section SD-4.11. Special Construction charges may apply.

**SD-3 Provisioning and Service Arrangements**

AT&T Switched Ethernet Service will be provisioned using the service components described below.

AT&T Switched Ethernet Service is available in two serving arrangements and two types of Customer Port Connections - the Basic Service Arrangement and Basic Ports described in Section SD-3.1 and the Per Packet Class of Service (PPCoS) Arrangement and PPCoS Ports described in Section SD-3.2. Unless specifically stated otherwise, all references to Customer Port Connections or ports in Sections SD-3.1 and SD-3.2 shall be deemed to refer to Basic Ports and PPCoS Ports, respectively, and all references to Customer Port Connections or ports in other sections of this Service Guide shall be deemed to refer to both Basic Ports and PPCoS Ports.

**SD-3.1 Basic Service Arrangement**

This type of service provides transport of data using a fixed class of service for each Ethernet Virtual Connection.

**SD-3.1.1 Basic Customer Port Connection (Basic port)**

This component provides the physical transport facilities from the Customer's premises to an Ethernet switch at an AT&T central office. The Customer Port Connection is available at transmission speeds of 100 Mbps, 1 Gbps and 10 Gbps.

## SECTION 2 - Service Description

**SD-3.1.2 Committed Information Rate (CIR) and Class of Service (CoS)**

CIR, sometimes referred to as the “Logical Channel” of the port, provides the bandwidth available on a Customer Port Connection. CIR is available in increments ranging from 2 Mbps to 10 Gbps.

The Table below shows the CIR available for each Customer Port Connection.

<b>Supported CIR by Port Speed</b>	
<b>Customer Port Connection</b>	<b>CIR Bandwidth Supported</b>
100 Mbps	2 Mbps – 100 Mbps
1 Gbps	2 Mbps – 1000 Mbps
10 Gbps	1000 Mbps – 10,000 Mbps

The Customer must select a CIR for each Basic Port. The CIR selected cannot exceed the Customer Port Connection capacity. CIR is offered with multiple choices for CoS. CoS establishes the performance characteristics of the network that are suitable for certain applications. Each Customer Port Connection (port) has a single CIR and CoS associated with it. CoS options are listed as a hierarchy, from “highest” to “lowest” based on network prioritization and performance as follows:

- Real-Time

Supports applications that require minimal loss, are latency-sensitive and require low latency variation (jitter), including voice. The service parameters associated with Real-Time CoS are Packet Delivery Rate (PDR), Latency, Jitter, and Network Availability.

- Interactive

Supports high-priority business data applications or jitter-sensitive applications such as voice and video. The service parameters associated with Interactive CoS are PDR, Latency, Jitter, and Network Availability.

- Business Critical-High

Supports most business data applications with moderate tolerance for delay and which are less sensitive to jitter and have a higher priority than Business Critical-Medium. The service parameters associated with Business Critical-High CoS are PDR, Latency, and Network Availability.

- Business Critical-Medium

Supports most business data applications with moderate tolerance for delay and which are less sensitive to jitter. The service parameters associated with Business Critical-Medium CoS are PDR, Latency, and Network Availability.

- Non-Critical High

Supports low priority business applications with more tolerance for delay and availability. The service parameters associated with Non-Critical High CoS are PDR, Latency, and Network Availability.

## SECTION 2 - Service Description

**SD-3.1.3 Ethernet Virtual Connections (EVC)**

An EVC provides a logical connection to enable the flow of Ethernet traffic for point-to-point and multipoint Customer configurations. EVCs may be established between ports located in the same LATA or in different LATAs (due to current systems limitations, interLATA EVCs are not available at all locations or for all port types). Standard EVCs are not billed to the Customer as a separate rate element. Each EVC is assigned a CIR and CoS that must be equal to or lower than the CIR and CoS of the Port. EVCs can be ordered in any 1 Mbps increment up to the maximum EVC CIR of 1000 Mbps, except for point-to-point EVCs between two ports in the same LATA which have a maximum of 2000 Mbps. Requests for EVC CIR above these limits will be evaluated on an Individual Case Basis, taking into consideration factors such as facility conditions and the impact of the requested configuration on network performance.

The total assigned bandwidth (sum of the CIR for all EVCs) on a single port cannot exceed the selected CIR of that port. Point-to-point EVCs must be symmetrical; the EVC CIR at each port must be the same. For multipoint EVCs, the CIR for any EVC may be set according to the bandwidth needed at that port and does not need to be the same at all ports. Ports that do not meet SLA objectives due to overloading of traffic in a multipoint arrangement will not be eligible for the PDR SLA.

The following chart provides the maximum number of EVCs supported for point-to-point and multipoint configurations on each Customer Port Connection:

Per Customer Port Connection	EVCs
100 Mbps	Up to 8 EVCs
1 Gbps	Up to 64 EVCs
10 Gbps	Up to 508 EVCs

Customers may configure EVCs as point-to-point (connecting two locations) or as multipoint (connecting three or more locations), as defined above. Point-to-point EVCs between two ports in the same LATA can be associated with an unlimited number of MAC addresses. Point-to-point EVCs between ports in different LATAs and multipoint EVCs will be limited to 250 MAC addresses per EVC on each port, unless the Customer purchases the Additional MAC Addresses optional feature. For example, a port that is provisioned with 3 separate multipoint EVCs may have up to 250 MAC addresses associated with each of those EVCs, for a total of 750 MAC addresses in use on that port, but each EVC is still limited to a maximum of 250 MAC addresses.

SECTION 2 - Service Description

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**SD-3.1.4 Frame Size**

AT&T Switched Ethernet Service ports will support Ethernet frame sizes up to 9126 bytes with the following exceptions:

- Ports deployed using Ethernet over copper loop transport (EoCu) will be limited to 1526 bytes.
- 100 Mbps Ports installed prior to July 2013 may be limited to 1526 bytes.

**SD-3.2 Per Packet Class of Service Arrangement**

This service arrangement provides transport of data with variable Classes of Service within an Ethernet Virtual Connection, using a feature called “Per Packet Class of Service” or “PPCoS.” With this serving arrangement, the Customer applies a priority identifier to each Ethernet frame (packet) within an EVC, and the packet is given the associated CoS priority level within the AT&T network. PPCoS Service Arrangement is offered where suitable PPCoS facilities exist, and may not be available at all locations for which the Basic Service Arrangement is available.

**SD-3.2.1 PPCoS Customer Port Connection (PPCoS port)**

This component provides the physical transport facilities from the Customer’s premises to an Ethernet switch at an AT&T central office. The Customer Port Connection is available at transmission speeds of 100 Mbps, 1 Gbps and 10 Gbps.



## SECTION 2 - Service Description

**SD-3.2.2 Committed Information Rate (CIR) and Class of Service (CoS) Packages**

CIR, sometimes referred to as the “Logical Channel” of the port, provides the bandwidth available on a Customer Port Connection. CIR is available per Customer Port Connection in increments ranging from 2 Mbps to 1 Gbps as set forth in the Table below.

<b>Supported CIR Bandwidth by Port Speed</b>	
<b>Customer Port Connection</b>	<b>CIR Bandwidth Supported</b>
100 Mbps	2 Mbps – 100 Mbps
1 Gbps	2 Mbps – 1000 Mbps
10 Gbps	1000 Mbps – 10,000 Mbps

The Customer must select a CIR for each PPCoS Port. The CIR selected cannot exceed the Customer Port Connection capacity. Under the PPCoS Service Arrangement, CIR is offered in “packages” that specify the maximum percentage of traffic that may be assigned a given Class of Service in a variety of combinations. Each PPCoS port will be ordered with one PPCoS CIR package. Customers may select a PPCoS CIR package that best matches the characteristics of their data and its associated priority levels.

PPCoS Packages (listed in hierarchical order from highest priority to lowest priority):

- Multimedia High - Allows Customer to designate up to 100 percent of port CIR as "Real Time" and remaining percentage (if any) can be divided among any/all CoS (below Real Time) as ordered.
- Multimedia Standard - Allows Customer to designate up to 50 percent of port CIR as "Real Time" and the remaining percentage can be divided among any/all CoS (below Real Time) as ordered.
- Critical Data - Allows Customer to designate up to 80 percent of port CIR as "Business Critical - High" and the remaining percentage can be divided among any/all CoS (below Business Critical - High) as ordered.
- Business Data - Allows Customer to designate up to 90 percent of port CIR as "Business Critical - Medium" and the remaining percentage can be divided among any/all CoS (below Business Critical - Medium) as ordered.

These CoS settings may be ordered in 5 percent increments (between 5 percent and 30 percent) and in 10 percent increments (from 40 percent to 100 percent).

SECTION 2 - Service Description

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**SD-3.2.3 Per Packet Class of Service – Classes of Service**

The PPCoS CIR packages are provisioned on PPCoS ports and allow the Customer to apply a CoS priority indicator to each Ethernet frame (packet) and AT&T will route the packet with the assigned CoS priority. The Customer-assigned priority will signify which of the following six Classes of Service AT&T will apply to that frame. PPCoS Ports support the same Classes of Service as are supported by the Basic Service Arrangement, plus an additional Class of Service (Non-Critical - Low) as described below. CoS options are listed as a hierarchy, from “highest” to “lowest” based on network prioritization and performance as follows:

- Real-Time
- Interactive
- Business Critical-High
- Business Critical-Medium
- Non-Critical High
- Non-Critical Low (Supports the lowest priority traffic)

**SD-3.2.4 PPCoS Scheduling Method**

The AT&T Switched Ethernet Service network components will create a separate queue for each CoS served according to its weight/priority to ensure that higher CoS packets are prioritized over lower, but that even the lowest CoS is not “starved”. PPCoS ports can be ordered in one of two available configurations in order to support different “egress scheduling methods.” Requests to change the type of PPCoS Scheduling Method of an existing port may require a new port to be ordered.

**SD-3.2.4.1 Port-Level Egress Scheduling**

Under this method, AT&T will prioritize all egress traffic on the port using a single queue schedule, so that the specified percentages of each priority are allowed to egress the network according to a single egress schedule for the port. This is the only option applicable to “port-based” service. This method can also be used for VLAN-based ports if the Customer desires CoS priority to be applied as a single queue at the port level.

**SD-3.2.4.2 VLAN Level Egress Scheduling**

Under this method, there are individual egress scheduling queues for each EVC (VLAN) on the port and the priority or volume of packets on one EVC have no impact on another EVC. This may be appropriate when the Customer needs each EVC to have its own egress prioritization schedule without impacting other EVCs on the port.

## SECTION 2 - Service Description

**SD-3.2.5 Ethernet Virtual Connections (EVC)**

An EVC provides a logical connection to enable the flow of Ethernet traffic for point-to-point and multipoint Customer configurations. EVCs may be established between ports located in the same LATA or in different LATAs (due to current systems limitations, interLATA EVCs are not available at all locations or for all port types). Standard EVCs are not billed to the Customer as a separate rate element. Each EVC is assigned a CIR that must be equal to or lower than the CIR of the Port. Under the PPCoS serving arrangement, each EVC must also be given a CoS profile specifying the proportion of each desired CoS (% of each CoS) on that EVC. The CoS allocation must be within the limits of the CIR package subscribed to on that PPCoS port. EVCs can be ordered in any 1 Mbps increment up to the maximum EVC CIR of 1000 Mbps, except for point-to-point EVCs between two ports in the same LATA which have a maximum of 2000 Mbps. Requests for EVC CIR above these limits will be evaluated on an Individual Case Basis, taking into consideration factors such as facility conditions and the impact of the requested configuration on network performance. The total assigned bandwidth (sum of the CIR for all EVCs) on a single port cannot exceed the selected CIR of that port. Point-to-point EVCs must be symmetrical; the EVC CIR at each port must be the same.

For multipoint EVCs, the CIR for any EVC may be set according to the bandwidth needed at that port and does not need to be the same at all ports. Ports that do not meet SLA objectives due to overloading of traffic in a multipoint arrangement will not be eligible for the PDR SLA.

The following chart provides the maximum number of EVCs supported for point-to-point and multipoint configurations on each Customer Port Connection:

Per Customer Port Connection	EVCs
100 Mbps	Up to 8 EVCs
1 Gbps	Up to 64 EVCs
10 Gbps	Up to 508 EVCs

Customers may configure EVCs as point-to-point (connecting two locations) or as multipoint (connecting three or more locations), as defined above. Point-to-point EVCs between two ports in the same LATA can be associated with an unlimited number of MAC addresses. Point-to-point EVCs between ports in different LATAs and multipoint EVCs will be limited to 250 MAC addresses per multipoint EVC on each port, unless the Customer purchases the Additional MAC Addresses optional feature. MAC addresses associated with point-to-point EVCs do not count against this limit. For example, a port that is provisioned with 3 separate multipoint EVCs may have up to 250 MAC addresses associated with each of those EVCs, for a total of 750 MAC addresses in use on that port, but each EVC is still limited to a maximum of 250 MAC addresses.

SECTION 2 - Service Description

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**SD-3.2.6 Frame Size**

AT&T Switched Ethernet Service ports will support Ethernet frame sizes up to 9126 bytes with the following exceptions:

- Ports deployed using Ethernet over copper loop transport (EoCu) will be limited to 1526 bytes.
- 100 Mbps Ports installed prior to July 2013 may be limited to 1526 bytes.

**SD-4 Optional Features and Functions****SD-4.1 Regenerator**

Regenerators provide detection and retransmission of Ethernet signals and are used to provide service when the distance to an Ethernet switch exceeds otherwise applicable design limits. AT&T will determine whether regenerators are needed and what transport medium and equipment will be used to provide regeneration. Regenerators are available on a per-port basis and are available for 100 Mbps, 1 Gbps and 10 Gbps ports.

**SD-4.2 Additional MAC Addresses**

The Additional MAC Address feature is offered on a per port basis. When a Customer subscribes to this feature, the MAC address limit associated with multipoint EVCs (as shown in Sections SD-3.1.3 and SD-3.2.5) shall be increased from 250 to 500 for each multipoint EVC present on that port.

A nonrecurring charge and monthly charge shall apply per port for increasing the MAC address limit to 500 MAC addresses per Multipoint EVC.

**SD-4.3 AT&T BusinessDirect® Customer Network Management**

The AT&T BusinessDirect® web portal offers a Customer network management feature to all Customers subscribing to AT&T Switched Ethernet Service at no additional charge. Available functions include network inventory map, performance reporting, and maintenance. Customers must have a web interface to access and monitor their network using the AT&T BusinessDirect® web portal.

**SD-4.4 Alternate Serving Switch**

The Alternate Serving Switch option allows Customers to order AT&T Switched Ethernet Service from an AT&T Switched Ethernet Service switch that is different from the AT&T Switched Ethernet Service switch that would normally serve the Customer's premises. The Alternate Serving Switch charges apply for mileage measured between the AT&T Switched Ethernet Service alternate switch wire center and the Customer's premises serving wire center. Monthly rates apply for mileage from the alternate AT&T Switched Ethernet Service switch to the Customer's premises serving wire center and are based on design and will be determined at the time of order.

SECTION 2 - Service Description

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**SD-4.5 Diverse Access**

Diverse Access is a feature that provides transmission paths, which are diverse from each other as provided in this Section, between two designated AT&T Switched Ethernet Service Port Connections at the same Customer premises and an AT&T Switched Ethernet Service switch. These two designated Port Connections must be purchased by the same Customer, and must be either 1 Gbps or 10 Gbps. Customers purchasing Diverse Access will be charged a Diverse Access feature charge associated with each of the two designated Port Connections.

Each designated Port Connection will be provisioned on different Network Terminating Equipment (NTE). The fiber path from each designated Port Connection to the AT&T Switched Ethernet Service serving switch will be diverse from the path for the other designated Port Connection, from the closest available point of divergence (e.g., the closest manhole to the Customer premises or the closest Serving Wire Center to the Customer premises) and, where alternate switches are available, will be terminated on a different AT&T Switched Ethernet Service switch. In the event of an outage affecting one of the designated Port Connections, the Customer will be responsible for re-routing their traffic to the other designated Port Connection.

Diverse Access does not include construction of dual entrance facilities. If a Customer desires dual entrance facilities and they do not currently exist, arrangements must be made for constructing dual entrance facilities at the Customer's expense.

**SD-4.6 Advanced Access Failover**

Advanced Access Failover (AAF) provides automatic failover to a redundant facility in the event of a failure of a protected facility. When a port is ordered with an AAF serving arrangement, it will be constructed with a single Customer interface, but with additional facilities within the network. There will be two fiber pairs (instead of the normal single pair) connecting the Network Terminating Equipment (NTE) to two different core Ethernet switches in the AT&T Switched Ethernet core network. These two fiber pairs will be diverse from each other from the closest available point of divergence (e.g., the closest manhole to the Customer premises or the closest Serving Wire Center to the Customer premises). The two facilities will operate in a "hot/standby" arrangement where "hot" represents the actively used transmission path and "standby" represents an alternate path that is unused until needed. In the event the AT&T Switched Ethernet Service network senses a disruption to a diverse portion of the facilities, it will automatically failover from the hot path to the standby path and the Ethernet Virtual Connections (EVCs) associated with that port will continue to operate over the standby path. AAF does not include construction of dual entrance facilities. If a Customer desires dual entrance facilities and they do not currently exist, arrangements must be made for constructing dual entrance facilities at the Customer's expense. AAF is available only for 1 Gbps or 10 Gbps Customer Port Connections and is ordered on a per port basis.

SECTION 2 - Service Description

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**SD-4.7 Enhanced Multicast**

The Enhanced Multicast feature allows the broadcast/ unknown unicast/multicast/ (BUM) traffic limit associated with EVCs to be increased from 2 Mbps to 30 Mbps per EVC. The Enhanced Multicast feature is offered on a per port basis. Once the feature is ordered on a port, each EVC on that port may be provisioned to allow up to 30 Mbps of combined BUM traffic, orderable in 1 Mbps increments. EVC orders for such ports that do not specify a higher limit as allowed under this feature will be limited to the standard default of 2 Mbps BUM limit. Monthly rates apply to each port provisioned with the feature. An additional charge will apply for adding or removing the Enhanced Multicast Feature on an existing port.

**SD-4.8 Meet Point Arrangements**

In some cases, AT&T and an unaffiliated Incumbent Local Exchange Carrier (ILEC, sometimes also referred to as an Independent Company or ICO) may agree to jointly provide an Ethernet service where such service will be provided to locations in both AT&T's and the ILEC's serving territories within the same LATA. In such cases, AT&T and the other ILEC may mutually agree to meet at a location (i.e., meet point) within the LATA utilizing facilities suitable for delivery of AT&T Switched Ethernet Service. The rates and charges for AT&T Switched Ethernet Service are applicable for the AT&T provided portion of such service. AT&T is responsible for the ordering, provisioning, billing and maintenance of such AT&T Switched Ethernet Service up to the meet point.

Meet point arrangements, where available, may be offered in two configurations:

- Direct LEC is a dedicated AT&T Switched Ethernet Service port connection that provides connectivity from an AT&T Ethernet switch to a meet point with the other service provider. In addition to port, CIR and any other rates and charges applicable to the AT&T Switched Ethernet Service, Direct LEC Additional Mileage charges will apply based on the airline distance measured from the meet point to the wire center in which the Ethernet switch for AT&T Switched Ethernet Service is located. Mileage is provided in four mileage bands up to 50 miles.
- ICO NNI Arrangement (ICO Trunking Arrangement) provides a shared trunk connection from the AT&T Switched Ethernet Service switch to the meet point that is then connected to the ILEC (ICO) Ethernet switch, for purposes of providing multiple Ethernet Virtual Connections (EVCs) for the same or different Customers over this shared facility. The ICO Trunk Connection charge is applied to each EVC that is transported on the ICO Trunking Arrangement. The Additional Mileage rate is based on the distance measured from the AT&T Switched Ethernet Service switch to the meet point for mileage that exceeds 10 miles and is applicable to each ICO Trunking Arrangement EVC transported across the shared facility. EPP monthly rates apply for each EVC provisioned on the ICO NNI Arrangement.

SECTION 2 - Service Description

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**SD-4.9 Additional Engineering and Additional Labor****SD-4.9.1 Additional Engineering**

Additional Engineering is not an ordering option but will be applied to an order when AT&T determines additional engineering is necessary to accommodate a Customer request. When additional engineering is required, the Customer will be notified and furnished with a written statement setting forth the justification for the additional engineering as well as an estimate of the charges.

If the Customer agrees to the additional engineering, a firm order will be established. If, after being notified that additional engineering of AT&T facilities is required, the Customer does not want the service or facilities, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the Customer for the additional engineering may not exceed the estimated amount by more than 10 percent.

Additional Engineering will be provided by AT&T at the request of the Customer only when:

- The Customer requests additional technical information after AT&T has already provided the technical information normally included on the Design Layout Report (DLR).
- Additional Engineering time is incurred by AT&T to engineer a Customer's request for a customized service.

AT&T will notify the Customer that Additional Engineering Charges will apply before any Additional Engineering is undertaken.

SECTION 2 - Service Description

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**SD-4.9.2 Additional Labor**

Additional Labor is that labor requested by the Customer on a given service and agreed to by AT&T.

Hourly rates for Additional Labor are based upon the time of day, day of the week, and if the work is performed on an AT&T holiday as set forth below:

- Basic Time - Work related efforts of AT&T performed during a normal business day, 8:00 a.m. – 5:00 p.m., Monday through Friday.
- Overtime - Work related efforts of AT&T performed outside of a normal business day (Monday through Friday), and on Saturdays.
- Premium Time - Work related efforts of AT&T performed on Sundays and/or AT&T holidays.

AT&T will notify the Customer that Additional Labor Charges as set forth in the pricing section of this Service Guide will apply before any additional labor is undertaken. Additional Labor Charges apply for each half hour or fraction thereof unless otherwise specified herein.

A call-out of AT&T personnel requiring Additional Labor will be charged a minimum of four (4) hours on an Overtime and/or Premium Time basis when the call-out is attributed to a Customer request/problem. However, at no time will the Customer be charged if trouble is found to be on AT&T side of the demarcation point.

Types of Additional Labor are:

- Overtime Installation is that AT&T installation effort outside of a normal business day.
- Stand by includes all time in excess of one-quarter (1/4) hour during which AT&T personnel stand by at the Customer's request.
- Testing and Maintenance with Other Service Providers includes additional testing, maintenance or repair of facilities which connect to facilities of other service providers which is in addition to the normal effort required to test, maintain or repair facilities provided solely by AT&T.
- Other Labor is that additional labor not included in the preceding items, including but not limited to labor incurred to accommodate a specific Customer request that involves only labor which is not covered by any other section of this Service Guide.



SECTION 2 - Service Description

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**SD-4.10 Testing**

Additional Cooperative Acceptance Testing and Nonscheduled Testing are testing services available to Customers.

Additional Cooperative Acceptance Testing is for situations whereby a Customer provides a technician at its premises or at an end user's premises, with suitable test equipment to perform the requested tests, and AT&T provides a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing. At the Customer's request, AT&T will provide a technician at the Customer's premises or at the end user premises.

Nonscheduled Testing may consist of any tests, e.g., loss, noise, slope, envelope delay, which the Customer may require. When a Customer provides a technician at its premises with suitable test equipment to perform the required tests, AT&T will provide a technician at its office for the purpose of conducting Nonscheduled Testing. At the Customer's request, AT&T will provide a technician at the Customer's premises.

When the Customer subscribes to testing services as set forth in this section, the Customer shall make the facilities to be tested available to AT&T at times mutually agreed upon.

**SD-4.11 Special Construction****SD-4.11.1 General**

This section contains the conditions and charges applicable for special construction of facilities.

When special construction of facilities is required, the conditions following apply in addition to all conditions, rates and charges set forth in this Service Guide.

**SD-4.11.2 Conditions****SD-4.11.2.1 Ownership of Facilities**

AT&T retains ownership of all specially constructed facilities provided under this Service Guide.

**SD-4.11.2.2 Interval to Provide Facilities**

Based on available information and the type of service ordered, AT&T will establish a completion date for the specially constructed facilities. If the scheduled completion date cannot be met due to circumstances beyond the control of AT&T, a new completion date will be established and the Customer will be notified.

SECTION 2 - Service Description

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**SD-4.11.3 Payments for Special Construction****SD-4.11.3.1 Payment of Charges**

Where AT&T is requested to provide special construction, a lump sum upfront payment equal to the additional non-recoverable cost will apply unless other payment arrangements are agreed upon with AT&T. This upfront payment must be paid prior to the start of construction.

**SD-4.11.3.2 Nonpayment of Charges**

If a Customer fails to pay special construction charges due, refusal and discontinuance of the services using the specially constructed facilities shall be in accordance with the appropriate Conditions under which service is being provided.

**SD-4.11.4 Charges for Special Construction****SD-4.11.4.1 General**

Various charges may apply when AT&T provides special construction of facilities in accordance with an order for service. Written approval of all charges must be provided to AT&T prior to the start of construction.

**SD-4.11.4.2 Conditions Requiring Special Construction**

Special construction is required when:

- (1) Facilities are not available to meet an order for service,
- (2) AT&T constructs facilities, and
- (3) One or more of the following conditions exist:
  - AT&T has no other requirement for the facilities constructed.
  - It is requested that service be furnished using a type of facility, or via a route, other than that which AT&T would normally utilize in furnishing the requested service.
  - More facilities are requested than would normally be required to satisfy an order.
  - It is requested that construction be expedited, resulting in added cost to AT&T.

**SD-4.11.4.3 Development of Charges**

Special construction charges and liabilities will be developed based on estimated costs.

SECTION 2 - Service Description

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**SD-4.11.4.3.1 Types of Charges**

Depending on the specifics associated with each individual case, one or more of the following special construction charges may be applicable:

- Nonrecurring Charge

A nonrecurring charge always applies and includes one or more of the following components:

- Case Preparation Charge

A nonrecurring charge always includes a case preparation charge component to cover the administrative expenses associated with preparing a special construction case.

- Expediting Charge

A nonrecurring charge may include an expediting charge when it is requested that special construction be completed on an expedited basis. The charge equals the difference in estimated cost between expedited and non-expedited construction.

- Lease Charge

This charge applies when AT&T leases equipment in order to meet service requirements. The amount of the charge is equal to the net added cost to AT&T caused by the lease.

- Cancellation Charge

This charge includes all nonrecoverable costs incurred by AT&T in association with the special construction up to and including the time of cancellation, where the Customer cancels the special construction prior to the start of service.

- Rearrangement Charge

If AT&T is requested to rearrange existing specially constructed facilities, a nonrecurring charge equal to the cost of any additional special construction will apply.

SECTION 2 - Service Description

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**SD-4.12 Billing Media**

The Customer may, without charge, receive the initial copy of their monthly bill and service and feature record in a standard media format provided by AT&T. Billing media formats include:

- Paper
- Electronic Data Interchange (EDI)
- Electronic data transmission
- Floppy diskette
- CD-ROM
- DVD
- Magnetic tape
- Microfiche

Not all billing media formats are available from every AT&T participating carrier. Additional copies of bills and secondary bills may be available subject to an additional charge.

Changes involving billing format changes or changes to the billing period are also subject to an additional charge.

**SD-5 Traffic Controls and Limitations**

AT&T may use controls to limit the amount of broadcast, unknown unicast, and multicast (BUM) traffic to protect the AT&T Switched Ethernet network against traffic storms. The maximum throughput of combined BUM traffic will be set at 2 Mbps per EVC, unless the Customer purchases the Enhanced Multicast optional feature in SD-4.7. There is no BUM restriction on point-to-point EVCs between two ports in the same LATA. Packets dropped by traffic controls are not included in SLA calculations. AT&T recommends that Customers enable controls for BUM traffic within the Customer network(s).

SECTION 3 - Service Level Agreement

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**Service Level Agreement (SLA)****SLA-1 Class of Service (CoS) SLA**

CoS SLA credits will be granted for AT&T Switched Ethernet Service if AT&T fails to meet service parameters (i.e., Latency, Packet Delivery Rate (PDR) and Jitter) defined for each CoS, subject to the following terms and conditions:

- The Customer must notify AT&T when the service parameters within any calendar month fail to meet the committed level.
- The Customer must request a service credit within 45 days after the end of the month when the failure occurred.
- Upon verification by AT&T that the actual service performance for that parameter failed to meet the committed level, AT&T has one month to correct the problem.
- If after one month, the service performance for that parameter is still failing to meet the committed level, the Customer will be provided a service credit equal to 25 percent of the monthly recurring charge for all affected ports (for each of the SLAs other than Network Availability). Only one such credit, per port, shall be applied per calendar month.
- Latency may vary on ports with Real Time CIR of 10 Mbps or below and Real Time EVCs on such ports are excluded from calculations that determine whether the latency SLA is met.
- Real Time EVCs between ports that are connected with an inter-Central Office facilities path extending more than 200 miles or those with EVC CIRs in excess of 1000 Mbps and/or using a PPCoS serving arrangement with a package exceeding 1000 Mbps Real Time are not subject to the Real Time Latency SLA and are excluded from calculations that determine whether the Latency SLA is met.
- Latency, Jitter, and Packet Delivery Rate (PDR) SLA. Latency, Jitter and Packet Delivery Rate (PDR) are measured by averaging sample measurements taken during a calendar month between the NTE to which the Customer ports are attached (i.e., end to end), when the AT&T Switched Ethernet Service network is available for use by the underlying End User Customer. The SLA service parameters are based on a LATA-wide average of the Customer's one-way traffic traversing the NTE and the network. The SLA target for Latency and Jitter is to be not more than, and for PDR is to be not less than, the applicable amount set forth in the table below.

SECTION 3 - Service Level Agreement

The following table displays the CoS SLA service parameters:

Class of Service	Service Measurement		
	Latency (one-way)	Jitter	Packet Delivery Rate (PDR)
Real Time	5 ms	3 ms	99.995%
Interactive	13 ms	10 ms	99.95%
Business Critical – High	20 ms	N/A	99.9%
Business Critical – Medium	30 ms	N/A	99.9%
Non-Critical High	50 ms	N/A	99.5%
Non-Critical Low <small>(This CoS is only offered as part of the PPCoS Package)</small>	N/A	N/A	N/A

**SLA-2 Network Availability SLA**

The SLA service parameter for Network Availability is to be not less than 99.99% for all ports regardless of Class of Service. Network Availability is calculated as the percentage of time during a month that the network is capable of accepting and delivering Customer data during the measurement period. Network Availability includes the Ethernet core network and the local loop, and the calculation excludes network outage time during maintenance windows. The calculation for Network Availability for a given month is as follows:

$$\text{Network Availability} = \frac{[(24 \text{ hours} \times \text{days in the month} \times 60 \text{ minutes} \times \text{number of Customer ports in the LATA}) - \text{network outage time}]}{(24 \text{ hours} \times \text{days in the month} \times 60 \text{ minutes} \times \text{number of Customer ports in the LATA})}$$

The Customer is responsible for (1) notifying AT&T within 45 days after the end of the month when the Network Availability within the calendar month falls below the committed level, and (2) requesting a service credit. Upon verification by AT&T that the actual service performance for Network Availability was less than the committed level, the Customer will be provided a service credit equal to 10 percent of the Monthly Recurring Charge (MRC) for all affected ports.

**SLA-3 Credit Allowance for Service Interruptions**

Service is considered to be interrupted when it becomes unusable because of a failure of a facility component used to furnish service under this Service Guide. The interruption must result in the complete loss of such service. An interruption period starts when an inoperative service is reported to AT&T and ends when the service is operative.

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**SECTION 3 - Service Level Agreement**

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The credit allowance for an interruption or for a series of interruptions shall be calculated based on the applicable monthly rate for the port (or ports) which were interrupted, including the other rate elements associated with that port (CIR, repeater, etc.). No credit shall be applicable to other ports on the network that were uninterrupted, even if they were unable to connect to an interrupted port.

No credit shall be allowed for an interruption period of less than 30 minutes. The Customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or fraction thereof that the interruption continues after the initial 30 minute interruption.

**SLA-4 SLA Exclusions**

The SLA provisions, measurements, and eligibility for credit shall exclude conditions wherein service performance was adversely affected by any of the following conditions:

- (1) Any cause beyond AT&T's reasonable control (force majeure events) including, but not limited to, acts of war, civil disturbances, acts of civil or military authorities or public enemies, earthquakes, hurricanes, floods, fires, storms, tornadoes, explosions, lightning, power surges or failures, fiber cuts, strikes or labor disputes;
- (2) Failures of any structures, facilities or equipment provided by the Customer or its contractors, equipment vendors, or by any carrier or service provider other than AT&T;
- (3) Interruptions caused by the negligence of the Customer or End User;
- (4) Interruptions of a service during any period in which AT&T is not afforded access to the premises where the service is terminated;
- (5) When AT&T and the Customer negotiate the release of the service for (1) maintenance purposes, (2) to make rearrangements or (3) to implement an order for a change in the service, a credit does not apply during the negotiated time of release;
- (6) Periods when the Customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis;
- (7) Data loss during AT&T's scheduled maintenance windows;
- (8) Data exceeding subscribed CIR; or
- (9) Failures of any structures, facilities or equipment on the Customer's side of the demarcation point.
- (10) Failures of any EVCs between ports located in different LATAs (interLATA EVCs). InterLATA EVCs are excluded from all SLA calculations and no SLA credits or credit allowances shall be payable with respect to such interLATA EVCs.

The total credit amount of any allowances for interruptions and SLA credits applicable in a given month shall not exceed 100 percent of the monthly recurring charge for the port and associated rate elements.

## SECTION 4 - Pricing

**Pricing (P)****P-1 Rate Elements**

Except as set forth below, monthly recurring charges for AT&T Switched Ethernet Service Ports and associated Committed Information Rates are set forth in Section P-4 and vary by Port size, CIR, CoS, and term.

**P-2 Ethernet Payment Plan (EPP)**

To subscribe to AT&T Switched Ethernet Service, the Customer must select one of the EPP options below. The service is not available to be subscribed to on a month-to-month basis.

Ethernet Payment Plan Options				
12 Months	24 Months	36 Months	48 months	60 months

- (1) Nonrecurring charges shown in Section P-4.1.1 will be waived for Customers subscribing to new service under an EPP, or for Customers subscribing to a new EPP for an existing service, subject to Section P-2(5). For moves of service and service reconfigurations, nonrecurring charges will apply as specified in Sections P-2(6) and (7).
- (2) During the Customer's EPP term, AT&T initiated recurring rate changes (i.e., rate increases or decreases) will be automatically applied to the Customer's EPP rates for the months remaining in the Customer's EPP term. However, at no time during the Customer's EPP term will rates exceed the Customer's initial EPP rates.
- (3) When an EPP term expires, the Customer may select a new EPP term from among any EPP options which are then available to new Customers hereunder. EPP rates in effect at the time the new EPP term starts will apply. If the Customer selects such new EPP term at least 90 days in advance of the existing EPP term expiration date, the new EPP term will begin immediately upon the expiration of the existing EPP term. If the Customer selects such new EPP term, but does not do so at least 90 days in advance of the existing EPP term expiration date, the Term Extension Month-to-Month Rates will apply between the expiration of the existing EPP term and the date upon which AT&T implements the new EPP term in its billing system.



SECTION 4 - Pricing

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- (4) The Term Extension Month-to-Month (MTM) rates in Section P-4 will apply when a Customer's EPP term expires. The Customer will be billed the MTM rates in effect from time to time until such time as the Customer selects a new EPP or the Service is terminated.
- (5) Termination Liability will apply if the Customer disconnects service (or AT&T disconnects service for default by Customer) prior to the end of the selected EPP. Termination Liability will be determined based on the number of months remaining in the EPP term times 50 percent of the applicable EPP monthly rates, calculated as follows:  
**[(EPP Monthly Rates) X (Months Remaining in EPP Term)] X 50% = Termination Liability**
- In addition, the Customer must pay all nonrecurring charges that were waived, as specified in Section P-2(1).
- (6) Moves involve a change in the physical location of one of the following:
- Point of service demarcation in the same building; or
  - Change of Customer premises to a new building

When the move is to a different location within the same building (i.e., results in a different point of service demarcation in the same building, such as a move to a different floor), previously waived nonrecurring charges associated with the existing service (if still under term) will be charged for all service components affected.

A new EPP term is not required (if still under EPP term) and Termination Liability will not apply for such a move. For move requests from Customers who have completed an EPP term and are currently being billed Term Extension MTM rates, a new EPP is required for the service at the new location.

When the move is to a different building (i.e., a different Customer premises), such a move is treated as a discontinuance of service and activation of new service. The previously waived non-recurring charges at the disconnecting location will be billed if the EPP term has not expired.

SECTION 4 - Pricing

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The Customer must select an EPP term for the new service at the new location. The new EPP term will be subject to the rates in effect at the time of the move. Termination liability will also apply for such a move (if the EPP term has not expired) except where all of the following conditions apply:

- The existing and new service locations must be served by the same serving wire center.
- The Customer's existing service must have been in place for at least 12 months.
- The Customer must select a new EPP with a term that is greater than or equal to the remainder of the existing EPP.
- Orders from the Customer to disconnect the existing service and reestablish service at the new location must be placed by the Customer and received by AT&T on the same date.
- No lapse in billing will occur for moves of service under an EPP. If the Customer requests that both the existing AT&T Switched Ethernet Service and the new AT&T Switched Ethernet Service be in service at same time, such "overlapping" service shall be provided for no more than 30 days, and all applicable charges will be billed for both services during the period of overlapping service.

(7) The Customer may reconfigure service, subject to the conditions below.

For reconfigurations to a higher-capacity Customer Port Connection, or from a Basic Port to a PPCoS Port, previously waived nonrecurring charges associated with the existing service will be charged for all service components affected if such reconfiguration occurs prior to the expiration of the EPP term. An example of such upgrade would be a change from a 1 Gbps to a 10 Gbps Customer Port Connection. The Customer must select a new EPP term for the new configuration. The new EPP term will be subject to the rates in effect at the time of the reconfiguration.

EPP Termination Liability will not apply, subject to the following conditions:

- The upgraded service must be at a higher capacity than the existing service; and
- The new and existing services must be billed to the same Customer at the same Customer location; and
- The new EPP term selected must be equal to or greater than the remainder of the EPP term of the disconnected service.

SECTION 4 - Pricing

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For reconfigurations to a lower capacity of the Customer Port Connection, or from a PPCoS Port to a Basic Port, EPP Termination Liability and nonrecurring charges will apply, as set forth in Section P-2(5), to all service components affected. An example of such a downgrade would be a change from a 1 Gbps to 100 Mbps Customer Port Connection. The Customer must select a new EPP term for the reconfigured service. The new EPP term will be subject to the rates in effect at the time of the reconfiguration.

Reconfigurations that require changes to the CoS, PPCoS Package, or CIR are subject to the nonrecurring charges associated with the new CoS, PPCoS Package, or CIR service components. EPP Termination Liability will not apply to such reconfigurations. The term effective dates associated with the Customer Port Connection shall apply to the associated CIR/CoS. For example, a Customer with a 60-month term on original port and CIR configuration may change the CIR in month 48, while still keeping the original EPP expiration date associated with both port and CIR.

For reconfigurations not defined above in this Section P-2(7), the nonrecurring charge associated with the Customer Port Connection will apply. An example of such change would be a Customer-requested change from a multi-mode fiber interface to a single-mode fiber interface. EPP Termination Liability will not apply to such reconfiguration changes.

For any of the reconfigurations described above, any Customer that has completed an EPP term and is being billed at Term Extension MTM rates must select a new EPP term for the reconfigured service.

**P-3 Administrative Charge**

The Administrative Charge is a non-recurring charge that applies for each order unless there are other non-recurring charges applicable to that order. The Administrative Charge will be waived for all orders requesting new service in association with a new EPP.

SECTION 4 - Pricing

**P-4 Rates and Charges**

**P-4.1 Customer Port Connection**

**P-4.1.1 Customer Port Connection (Basic Port) - Nonrecurring Charges and Term Extension MTM Rates**

Customer Port Connection (Basic Port) – Nonrecurring Charges and Term Extension MTM Rates				
Customer Port Connection	USOC	USOC (BellSouth Only)	Nonrecurring Charge <sup>(1)</sup>	Term Extension MTM Rate
100 Mbps Port	EYQEX	OEM1M	\$1,925.00	\$925.00
1 Gbps Port	EYQFX	OEM1G	\$2,100.00	\$1,400.00
10 Gbps Port	EYQGX	OEMXG	\$15,750.00	\$10,500.00
Notes:				
<sup>(1)</sup> Nonrecurring Charges are waived for service ordered under a new EPP as specified in Section P-2(1).				

**P-4.1.2 Customer Port Connection (Basic Port) – EPP Monthly Rates**

Customer Port Connection (Basic Port) – EPP Monthly Rates							
Customer Port Connection	USOC	USOC (BellSouth Only)	12 Months	24 Months	36 Months	48 Months	60 Months
100 Mbps Port	EYQEX	OEM1M	\$780.00	\$750.00	\$650.00	\$610.00	\$575.00
1 Gbps Port	EYQFX	OEM1G	\$1,200.00	\$1,150.00	\$1,000.00	\$925.00	\$850.00
10 Gbps Port	EYQGX	OEMXG	\$10,000.00	\$9,500.00	\$7,500.00	\$6,500.00	\$5,750.00

**P-4.1.3 Customer Port Connection (PPCoS Port) - Nonrecurring Charges and Term Extension MTM Rates**

Customer Port Connection (PPCoS Port) – Nonrecurring Charges and Term Extension MTM Rates				
Customer Port Connection	USOC	USOC (BellSouth Only)	Nonrecurring Charge <sup>(1)</sup>	Term Extension MTM Rate
100 Mbps Port	EYQLX	OEMLX	\$1,925.00	\$1295.00
1 Gbps Port	EYQMX	OEMMX	\$2,100.00	\$1,960.00
10 Gbps Port	EYQNX	OEMNX	\$15,750.00	\$12,600.00
Notes:				
<sup>(1)</sup> Nonrecurring Charges are waived for service ordered under a new EPP as specified in Section P-2(1).				

SECTION 4 - Pricing

**P-4.1.4 Customer Port Connection (PPCoS Port) – EPP Monthly Rates**

Customer Port Connection (PPCoS Port) – EPP Monthly Rates							
Customer Port Connection	USOC	USOC (BellSouth Only)	12 Months	24 Months	36 Months	48 Months	60 Months
100 Mbps Port	EYQLX	OEMLX	\$1,100.00	\$980.00	\$780.00	\$730.00	\$690.00
1 Gbps Port	EYQMX	OEMMX	\$1,680.00	\$1,380.00	\$1,200.00	\$1110.00	\$1020.00
10 Gbps Port	EYQNX	OEMNX	\$12,000.00	\$11,400.00	\$9,000.00	\$7,800.00	\$6,900.00

## SECTION 4 - Pricing

**P-4.2 Class of Service and Committed Information Rate****P-4.2.1 Nonrecurring Charges**

<b>Committed Information Rate (any CoS) – Nonrecurring Charges</b>			
<b>CIR</b>	<b>USOC</b>	<b>USOC (BellSouth Only)</b>	<b>Nonrecurring Charge</b>
2 Mbps	R6E2X	OEMO2	\$150.00
4 Mbps	R6E4X	OEMO4	\$150.00
5 Mbps	R6EAX	OEMO5	\$150.00
8 Mbps	R6E8X	OEMO8	\$150.00
10 Mbps	R6EBX	OEM10	\$150.00
20 Mbps	R6EDX	OEM20	\$150.00
50 Mbps	R6EHX	OEM50	\$150.00
100 Mbps	R6ELX	OEM1H	\$150.00
150 Mbps	R6ENX	OEM1F	\$150.00
250 Mbps	R6EQX	OEM2F	\$150.00
400 Mbps	R6ESX	OEM4H	\$150.00
500 Mbps	R6ETX	OEM5H	\$150.00
600 Mbps	R6EUX	OEM6H	\$150.00
1,000 Mbps	R6EZX	OEM1T	\$150.00
2,000 Mbps	R61BX	OEM2T	\$150.00
2,500 Mbps	R61CX	OEM25	\$150.00
4,000 Mbps	R61FX	OEM4T	\$150.00
5,000 Mbps	R61HX	OEM5T	\$150.00
7,500 Mbps	R61NX	OEM75	\$150.00
9,500 Mbps	R61RX	OEM95	\$150.00
10,000 Mbps	R61SX	OEMTT	\$150.00

SECTION 4 - Pricing

**P-4.2.2 Class of Service and Committed Information Rate – Basic Arrangement – Term Extension  
MTM Rates**

<b>Class of Service and Committed Information Rate – Basic Arrangement – Term Extension MTM Rates</b>							
<b>CIR</b>	<b>USOC</b>	<b>USOC (BellSouth Only)</b>	<b>Real Time</b>	<b>Interactive</b>	<b>Business Critical – High</b>	<b>Business Critical – Medium</b>	<b>Non- Critical – High</b>
2 Mbps	R6E2X	OEMO2	\$1,200.00	\$1,100.00	\$1,075.00	\$1,050.00	\$950.00
4 Mbps	R6E4X	OEMO4	\$1,275.00	\$1,175.00	\$1,125.00	\$1,075.00	\$975.00
5 Mbps	R6EAX	OEMO5	\$1,350.00	\$1,250.00	\$1,200.00	\$1,150.00	\$1,050.00
8 Mbps	R6E8X	OEMO8	\$1,375.00	\$1,275.00	\$1,225.00	\$1,175.00	\$1,075.00
10 Mbps	R6EBX	OEM1O	\$1,475.00	\$1,375.00	\$1,325.00	\$1,275.00	\$1,175.00
20 Mbps	R6EDX	OEM2O	\$2,070.00	\$1,800.00	\$1,630.00	\$1,460.00	\$1,390.00
50 Mbps	R6EHX	OEM5O	\$2,300.00	\$2,000.00	\$1,840.00	\$1,680.00	\$1,600.00
100 Mbps	R6ELX	OEM1H	\$2,620.00	\$2,270.00	\$2,115.00	\$1,960.00	\$1,870.00
150 Mbps	R6ENX	OEM1F	\$3,330.00	\$2,890.00	\$2,570.00	\$2,250.00	\$2,140.00
250 Mbps	R6EQX	OEM2F	\$3,700.00	\$3,210.00	\$2,895.00	\$2,580.00	\$2,460.00
400 Mbps	R6ESX	OEM4H	\$4,050.00	\$3,520.00	\$3,195.00	\$2,875.00	\$2,735.00
500 Mbps	R6ETX	OEM5H	\$4,280.00	\$3,720.00	\$3,395.00	\$3,070.00	\$2,920.00
600 Mbps	R6EUX	OEM6H	\$4,880.00	\$4,240.00	\$3,920.00	\$3,600.00	\$3,420.00
1,000 Mbps	R6EZX	OEM1T	\$5,550.00	\$4,820.00	\$4,500.00	\$4,180.00	\$3,980.00
2,000 Mbps	R61BX	OEM2T	\$7,909.00	\$7,399.00	\$7,151.00	\$6,902.00	\$6,560.00
2,500 Mbps	R61CX	OEM25	\$9,491.00	\$8,863.00	\$8,569.00	\$8,275.00	\$7,870.00
4,000 Mbps	R61FX	OEM4T	\$11,203.00	\$10,471.00	\$10,125.00	\$9,778.00	\$9,290.00
5,000 Mbps	R61HX	OEM5T	\$13,177.00	\$12,314.00	\$11,909.00	\$11,504.00	\$10,930.00
7,500 Mbps	R61NX	OEM75	\$17,308.00	\$16,170.00	\$15,634.00	\$15,099.00	\$14,350.00
9,500 Mbps	R61RX	OEM95	\$20,602.00	\$19,242.00	\$18,608.00	\$17,974.00	\$17,080.00
10,000 Mbps	R61SX	OEMTT	\$21,412.00	\$20,014.00	\$19,353.00	\$18,693.00	\$17,760.00

## SECTION 4 - Pricing

## P-4.2.3 Class of Service and Committed Information Rate – Basic Arrangement – 12 Month Rates

Class of Service and Committed Information Rate – Basic Arrangement – 12 Month Rates							
CIR	USOC	USOC (BellSouth Only)	Real Time	Interactive	Business Critical – High	Business Critical – Medium	Non- Critical – High
2 Mbps	R6E2X	OEMO2	\$1,150.00	\$1,075.00	\$1,038.00	\$1,000.00	\$925.00
4 Mbps	R6E4X	OEMO4	\$1,175.00	\$1,100.00	\$1,063.00	\$1,025.00	\$950.00
5 Mbps	R6EAX	OEMO5	\$1,250.00	\$1,175.00	\$1,138.00	\$1,100.00	\$1,025.00
8 Mbps	R6E8X	OEMO8	\$1,275.00	\$1,200.00	\$1,163.00	\$1,125.00	\$1,050.00
10 Mbps	R6EBX	OEM1O	\$1,345.00	\$1,270.00	\$1,233.00	\$1,195.00	\$1,120.00
20 Mbps	R6EDX	OEM2O	\$1,880.00	\$1,630.00	\$1,475.00	\$1,320.00	\$1,260.00
50 Mbps	R6EHX	OEM5O	\$2,090.00	\$1,810.00	\$1,665.00	\$1,520.00	\$1,450.00
100 Mbps	R6ELX	OEM1H	\$2,370.00	\$2,060.00	\$1,920.00	\$1,780.00	\$1,700.00
150 Mbps	R6ENX	OEM1F	\$3,020.00	\$2,620.00	\$2,330.00	\$2,040.00	\$1,940.00
250 Mbps	R6EQX	OEM2F	\$3,350.00	\$2,910.00	\$2,625.00	\$2,340.00	\$2,230.00
400 Mbps	R6ESX	OEM4H	\$3,675.00	\$3,195.00	\$2,900.00	\$2,610.00	\$2,490.00
500 Mbps	R6ETX	OEM5H	\$3,890.00	\$3,380.00	\$3,085.00	\$2,790.00	\$2,660.00
600 Mbps	R6EUX	OEM6H	\$4,430.00	\$3,850.00	\$3,560.00	\$3,270.00	\$3,110.00
1,000 Mbps	R6EZX	OEM1T	\$5,040.00	\$4,380.00	\$4,090.00	\$3,800.00	\$3,610.00
2,000 Mbps	R61BX	OEM2T	\$7,118.00	\$6,659.00	\$6,436.00	\$6,212.00	\$5,910.00
2,500 Mbps	R61CX	OEM25	\$8,542.00	\$7,977.00	\$7,712.00	\$7,448.00	\$7,080.00
4,000 Mbps	R61FX	OEM4T	\$10,083.00	\$9,424.00	\$9,112.00	\$8,800.00	\$8,360.00
5,000 Mbps	R61HX	OEM5T	\$11,859.00	\$11,083.00	\$10,718.00	\$10,353.00	\$9,840.00
7,500 Mbps	R61NX	OEM75	\$15,577.00	\$14,553.00	\$14,071.00	\$13,589.00	\$12,910.00
9,500 Mbps	R61RX	OEM95	\$18,542.00	\$17,318.00	\$16,748.00	\$16,177.00	\$15,370.00
10,000 Mbps	R61SX	OEMTT	\$19,271.00	\$18,012.00	\$17,418.00	\$16,824.00	\$15,990.00



## SECTION 4 - Pricing

## P-4.2.4 Class of Service and Committed Information Rate – Basic Arrangement – 24 Month Rates

Class of Service and Committed Information Rate – Basic Arrangement – 24 Month Rates							
CIR	USOC	USOC (BellSouth Only)	Real Time	Interactive	Business Critical – High	Business Critical – Medium	Non- Critical - High
2 Mbps	R6E2X	OEMO2	\$510.00	\$470.00	\$400.00	\$330.00	\$310.00
4 Mbps	R6E4X	OEMO4	\$550.00	\$520.00	\$455.00	\$390.00	\$370.00
5 Mbps	R6EAX	OEMO5	\$650.00	\$610.00	\$555.00	\$500.00	\$465.00
8 Mbps	R6E8X	OEMO8	\$750.00	\$700.00	\$655.00	\$610.00	\$570.00
10 Mbps	R6EBX	OEM10	\$1,010.00	\$940.00	\$830.00	\$720.00	\$670.00
20 Mbps	R6EDX	OEM20	\$1,300.00	\$1,210.00	\$1,100.00	\$990.00	\$925.00
50 Mbps	R6EHX	OEM50	\$1,460.00	\$1,350.00	\$1,240.00	\$1,130.00	\$1,055.00
100 Mbps	R6ELX	OEM1H	\$1,650.00	\$1,540.00	\$1,430.00	\$1,320.00	\$1,230.00
150 Mbps	R6ENX	OEM1F	\$1,780.00	\$1,650.00	\$1,585.00	\$1,520.00	\$1,410.00
250 Mbps	R6EQX	OEM2F	\$2,340.00	\$2,180.00	\$1,960.00	\$1,740.00	\$1,615.00
400 Mbps	R6ESX	OEM4H	\$2,570.00	\$2,390.00	\$2,170.00	\$1,950.00	\$1,815.00
500 Mbps	R6ETX	OEM5H	\$2,720.00	\$2,530.00	\$2,310.00	\$2,090.00	\$1,945.00
600 Mbps	R6EUX	OEM6H	\$3,100.00	\$2,890.00	\$2,670.00	\$2,450.00	\$2,280.00
1,000 Mbps	R6EZX	OEM1T	\$3,510.00	\$3,280.00	\$3,060.00	\$2,840.00	\$2,640.00
2,000 Mbps	R61BX	OEM2T	\$6,050.00	\$5,660.00	\$5,470.00	\$5,280.00	\$4,920.00
2,500 Mbps	R61CX	OEM25	\$7,260.00	\$6,780.00	\$6,555.00	\$6,330.00	\$5,900.00
4,000 Mbps	R61FX	OEM4T	\$8,570.00	\$8,010.00	\$7,745.00	\$7,480.00	\$6,970.00
5,000 Mbps	R61HX	OEM5T	\$10,080.00	\$9,420.00	\$9,110.00	\$8,800.00	\$8,200.00
7,500 Mbps	R61NX	OEM75	\$13,240.00	\$12,370.00	\$11,960.00	\$11,550.00	\$10,765.00
9,500 Mbps	R61RX	OEM95	\$15,760.00	\$14,720.00	\$14,235.00	\$13,750.00	\$12,815.00
10,000 Mbps	R61SX	OEMTT	\$16,380.00	\$15,310.00	\$14,805.00	\$14,300.00	\$13,325.00

## SECTION 4 - Pricing

## P-4.2.5 Class of Service and Committed Information Rate – Basic Arrangement – 36 Month Rates

Class of Service and Committed Information Rate – Basic Arrangement – 36 Month Rates							
CIR	USOC	USOC (BellSouth Only)	Real Time	Interactive	Business Critical – High	Business Critical – Medium	Non- Critical – High
2 Mbps	R6E2X	OEMO2	\$460.00	\$425.00	\$360.00	\$300.00	\$290.00
4 Mbps	R6E4X	OEMO4	\$500.00	\$465.00	\$410.00	\$350.00	\$340.00
5 Mbps	R6EAX	OEMO5	\$590.00	\$550.00	\$500.00	\$450.00	\$430.00
8 Mbps	R6E8X	OEMO8	\$680.00	\$635.00	\$595.00	\$550.00	\$530.00
10 Mbps	R6EBX	OEM10	\$910.00	\$850.00	\$750.00	\$650.00	\$620.00
20 Mbps	R6EDX	OEM20	\$1,180.00	\$1,100.00	\$1,000.00	\$900.00	\$860.00
50 Mbps	R6EHX	OEM50	\$1,320.00	\$1,225.00	\$1,125.00	\$1,025.00	\$980.00
100 Mbps	R6ELX	OEM1H	\$1,500.00	\$1,400.00	\$1,300.00	\$1,200.00	\$1,140.00
150 Mbps	R6ENX	OEM1F	\$1,610.00	\$1,500.00	\$1,438.00	\$1,375.00	\$1,310.00
250 Mbps	R6EQX	OEM2F	\$2,120.00	\$1,975.00	\$1,775.00	\$1,575.00	\$1,500.00
400 Mbps	R6ESX	OEM4H	\$2,330.00	\$2,170.00	\$1,970.00	\$1,770.00	\$1,685.00
500 Mbps	R6ETX	OEM5H	\$2,470.00	\$2,300.00	\$2,100.00	\$1,900.00	\$1,810.00
600 Mbps	R6EUX	OEM6H	\$2,810.00	\$2,625.00	\$2,460.00	\$2,225.00	\$2,120.00
1,000 Mbps	R6EZX	OEM1T	\$3,190.00	\$2,975.00	\$2,775.00	\$2,575.00	\$2,450.00
2,000 Mbps	R61BX	OEM2T	\$5,500.00	\$5,140.00	\$4,970.00	\$4,800.00	\$4,560.00
2,500 Mbps	R61CX	OEM25	\$6,600.00	\$6,160.00	\$5,955.00	\$5,750.00	\$5,470.00
4,000 Mbps	R61FX	OEM4T	\$7,790.00	\$7,280.00	\$7,040.00	\$6,800.00	\$6,460.00
5,000 Mbps	R61HX	OEM5T	\$9,160.00	\$8,560.00	\$8,280.00	\$8,000.00	\$7,600.00
7,500 Mbps	R61NX	OEM75	\$12,030.00	\$11,240.00	\$10,870.00	\$10,500.00	\$9,980.00
9,500 Mbps	R61RX	OEM95	\$14,320.00	\$13,380.00	\$12,940.00	\$12,500.00	\$11,880.00
10,000 Mbps	R61SX	OEMTT	\$14,890.00	\$13,910.00	\$13,455.00	\$13,000.00	\$12,350.00

## SECTION 4 - Pricing

## P-4.2.6 Class of Service and Committed Information Rate – Basic Arrangement – 48 Month Rates

Class of Service and Committed Information Rate – Basic Arrangement – 48 Month Rates							
CIR	USOC	USOC (BellSouth Only)	Real Time	Interactive	Business Critical – High	Business Critical – Medium	Non- Critical – High
2 Mbps	R6E2X	OEMO2	\$460.00	\$425.00	\$360.00	\$300.00	\$290.00
4 Mbps	R6E4X	OEMO4	\$500.00	\$465.00	\$410.00	\$350.00	\$340.00
5 Mbps	R6EAX	OEMO5	\$590.00	\$550.00	\$500.00	\$450.00	\$430.00
8 Mbps	R6E8X	OEMO8	\$680.00	\$635.00	\$595.00	\$550.00	\$530.00
10 Mbps	R6EBX	OEM10	\$910.00	\$850.00	\$750.00	\$650.00	\$620.00
20 Mbps	R6EDX	OEM20	\$1,180.00	\$1,100.00	\$1,000.00	\$900.00	\$860.00
50 Mbps	R6EHX	OEM50	\$1,320.00	\$1,225.00	\$1,125.00	\$1,025.00	\$980.00
100 Mbps	R6ELX	OEM1H	\$1,500.00	\$1,400.00	\$1,300.00	\$1,200.00	\$1,140.00
150 Mbps	R6ENX	OEM1F	\$1,610.00	\$1,500.00	\$1,438.00	\$1,375.00	\$1,310.00
250 Mbps	R6EQX	OEM2F	\$2,120.00	\$1,975.00	\$1,775.00	\$1,575.00	\$1,500.00
400 Mbps	R6ESX	OEM4H	\$2,330.00	\$2,170.00	\$1,970.00	\$1,770.00	\$1,685.00
500 Mbps	R6ETX	OEM5H	\$2,470.00	\$2,300.00	\$2,100.00	\$1,900.00	\$1,810.00
600 Mbps	R6EUX	OEM6H	\$2,810.00	\$2,625.00	\$2,460.00	\$2,225.00	\$2,120.00
1,000 Mbps	R6EZX	OEM1T	\$3,190.00	\$2,975.00	\$2,775.00	\$2,575.00	\$2,450.00
2,000 Mbps	R61BX	OEM2T	\$5,500.00	\$5,140.00	\$4,970.00	\$4,800.00	\$4,560.00
2,500 Mbps	R61CX	OEM25	\$6,600.00	\$6,160.00	\$5,955.00	\$5,750.00	\$5,470.00
4,000 Mbps	R61FX	OEM4T	\$7,790.00	\$7,280.00	\$7,040.00	\$6,800.00	\$6,460.00
5,000 Mbps	R61HX	OEM5T	\$9,160.00	\$8,560.00	\$8,280.00	\$8,000.00	\$7,600.00
7,500 Mbps	R61NX	OEM75	\$12,030.00	\$11,240.00	\$10,870.00	\$10,500.00	\$9,980.00
9,500 Mbps	R61RX	OEM95	\$14,320.00	\$13,380.00	\$12,940.00	\$12,500.00	\$11,880.00
10,000 Mbps	R61SX	OEMTT	\$14,890.00	\$13,910.00	\$13,455.00	\$13,000.00	\$12,350.00

## SECTION 4 - Pricing

## P-4.2.7 Class of Service and Committed Information Rate – Basic Arrangement – 60 Month Rates

Class of Service and Committed Information Rate – Basic Arrangement – 60 Month Rates							
CIR	USOC	USOC (BellSouth Only)	Real Time	Interactive	Business Critical – High	Business Critical – Medium	Non- Critical – High
2 Mbps	R6E2X	OEMO2	\$460.00	\$425.00	\$360.00	\$300.00	\$290.00
4 Mbps	R6E4X	OEMO4	\$500.00	\$465.00	\$410.00	\$350.00	\$340.00
5 Mbps	R6EAX	OEMO5	\$590.00	\$550.00	\$500.00	\$450.00	\$430.00
8 Mbps	R6E8X	OEMO8	\$680.00	\$635.00	\$595.00	\$550.00	\$530.00
10 Mbps	R6EBX	OEM10	\$910.00	\$850.00	\$750.00	\$650.00	\$620.00
20 Mbps	R6EDX	OEM20	\$1,180.00	\$1,100.00	\$1,000.00	\$900.00	\$860.00
50 Mbps	R6EHX	OEM50	\$1,320.00	\$1,225.00	\$1,125.00	\$1,025.00	\$980.00
100 Mbps	R6ELX	OEM1H	\$1,500.00	\$1,400.00	\$1,300.00	\$1,200.00	\$1,140.00
150 Mbps	R6ENX	OEM1F	\$1,610.00	\$1,500.00	\$1,438.00	\$1,375.00	\$1,310.00
250 Mbps	R6EQX	OEM2F	\$2,120.00	\$1,975.00	\$1,775.00	\$1,575.00	\$1,500.00
400 Mbps	R6ESX	OEM4H	\$2,330.00	\$2,170.00	\$1,970.00	\$1,770.00	\$1,685.00
500 Mbps	R6ETX	OEM5H	\$2,470.00	\$2,300.00	\$2,100.00	\$1,900.00	\$1,810.00
600 Mbps	R6EUX	OEM6H	\$2,810.00	\$2,625.00	\$2,460.00	\$2,225.00	\$2,120.00
1,000 Mbps	R6EZX	OEM1T	\$3,190.00	\$2,975.00	\$2,775.00	\$2,575.00	\$2,450.00
2,000 Mbps	R61BX	OEM2T	\$5,500.00	\$5,140.00	\$4,970.00	\$4,800.00	\$4,560.00
2,500 Mbps	R61CX	OEM25	\$6,600.00	\$6,160.00	\$5,955.00	\$5,750.00	\$5,470.00
4,000 Mbps	R61FX	OEM4T	\$7,790.00	\$7,280.00	\$7,040.00	\$6,800.00	\$6,460.00
5,000 Mbps	R61HX	OEM5T	\$9,160.00	\$8,560.00	\$8,280.00	\$8,000.00	\$7,600.00
7,500 Mbps	R61NX	OEM75	\$12,030.00	\$11,240.00	\$10,870.00	\$10,500.00	\$9,980.00
9,500 Mbps	R61RX	OEM95	\$14,320.00	\$13,380.00	\$12,940.00	\$12,500.00	\$11,880.00
10,000 Mbps	R61SX	OEMTT	\$14,890.00	\$13,910.00	\$13,455.00	\$13,000.00	\$12,350.00

SECTION 4 - Pricing

**P-4.2.8 Class of Service and Committed Information Rate – PPCoS Arrangement – Term Extension MTM Rates**

<b>Class of Service and Committed Information Rate – PPCoS Arrangement – Term Extension MTM Rates</b>						
<b>CIR</b>	<b>USOC</b>	<b>USOC (BellSouth Only)</b>	<b>Multimedia High</b>	<b>Multimedia Standard</b>	<b>Critical Data</b>	<b>Business Data</b>
2 Mbps	R6E2X	OEMO2	\$1,200.00	\$1,100.00	\$1,050.00	\$950.00
4 Mbps	R6E4X	OEMO4	\$1,275.00	\$1,175.00	\$1,075.00	\$975.00
5 Mbps	R6EAX	OEMO5	\$1,350.00	\$1,250.00	\$1,150.00	\$1,050.00
8 Mbps	R6E8X	OEMO8	\$1,375.00	\$1,275.00	\$1,175.00	\$1,075.00
10 Mbps	R6EBX	OEM10	\$1,475.00	\$1,375.00	\$1,275.00	\$1,175.00
20 Mbps	R6EDX	OEM20	\$2,070.00	\$1,800.00	\$1,460.00	\$1,390.00
50 Mbps	R6EHX	OEM50	\$2,300.00	\$2,000.00	\$1,680.00	\$1,600.00
100 Mbps	R6ELX	OEM1H	\$2,620.00	\$2,270.00	\$1,960.00	\$1,870.00
150 Mbps	R6ENX	OEM1F	\$3,330.00	\$2,890.00	\$2,250.00	\$2,140.00
250 Mbps	R6EQX	OEM2F	\$3,700.00	\$3,210.00	\$2,580.00	\$2,460.00
400 Mbps	R6ESX	OEM4H	\$4,050.00	\$3,520.00	\$2,875.00	\$2,735.00
500 Mbps	R6ETX	OEM5H	\$4,280.00	\$3,720.00	\$3,070.00	\$2,920.00
600 Mbps	R6EUX	OEM6H	\$4,880.00	\$4,240.00	\$3,600.00	\$3,420.00
1,000 Mbps	R6EZX	OEM1T	\$5,550.00	\$4,820.00	\$4,180.00	\$3,980.00
2,000 Mbps	R61BX	OEM2T	\$7,909.00	\$7,399.00	\$6,902.00	\$6,560.00
2,500 Mbps	R61CX	OEM25	\$9,491.00	\$8,863.00	\$8,275.00	\$7,870.00
4,000 Mbps	R61FX	OEM4T	\$11,203.00	\$10,471.00	\$9,778.00	\$9,290.00
5,000 Mbps	R61HX	OEM5T	\$13,177.00	\$12,314.00	\$11,504.00	\$10,930.00
7,500 Mbps	R61NX	OEM75	\$17,308.00	\$16,170.00	\$15,099.00	\$14,350.00
9,500 Mbps	R61RX	OEM95	\$20,602.00	\$19,242.00	\$17,974.00	\$17,080.00
10,000 Mbps	R61SX	OEMTT	\$21,412.00	\$20,014.00	\$18,693.00	\$17,760.00

SECTION 4 - Pricing

**P-4.2.9 Class of Service and Committed Information Rate – PPSoS Arrangement – 12 Month Rates**

<b>Class of Service and Committed Information Rate – PPSoS Arrangement – 12 Month Rates</b>						
<b>CIR</b>	<b>USOC</b>	<b>USOC (BellSouth Only)</b>	<b>Multimedia High</b>	<b>Multimedia Standard</b>	<b>Critical Data</b>	<b>Business Data</b>
2 Mbps	R6E2X	OEMO2	\$1,150.00	\$1,075.00	\$1,000.00	\$925.00
4 Mbps	R6E4X	OEMO4	\$1,175.00	\$1,100.00	\$1,025.00	\$950.00
5 Mbps	R6EAX	OEMO5	\$1,250.00	\$1,175.00	\$1,100.00	\$1,025.00
8 Mbps	R6E8X	OEMO8	\$1,275.00	\$1,200.00	\$1,125.00	\$1,050.00
10 Mbps	R6EBX	OEM10	\$1,345.00	\$1,270.00	\$1,195.00	\$1,120.00
20 Mbps	R6EDX	OEM20	\$1,880.00	\$1,630.00	\$1,320.00	\$1,260.00
50 Mbps	R6EHX	OEM50	\$2,090.00	\$1,810.00	\$1,520.00	\$1,450.00
100 Mbps	R6ELX	OEM1H	\$2,370.00	\$2,060.00	\$1,780.00	\$1,700.00
150 Mbps	R6ENX	OEM1F	\$3,020.00	\$2,620.00	\$2,040.00	\$1,940.00
250 Mbps	R6EQX	OEM2F	\$3,350.00	\$2,910.00	\$2,340.00	\$2,230.00
400 Mbps	R6ESX	OEM4H	\$3,675.00	\$3,195.00	\$2,610.00	\$2,490.00
500 Mbps	R6ETX	OEM5H	\$3,890.00	\$3,380.00	\$2,790.00	\$2,660.00
600 Mbps	R6EUX	OEM6H	\$4,430.00	\$3,850.00	\$3,270.00	\$3,110.00
1,000 Mbps	R6EZX	OEM1T	\$5,040.00	\$4,380.00	\$3,800.00	\$3,610.00
2,000 Mbps	R61BX	OEM2T	\$7,118.00	\$6,659.00	\$6,212.00	\$5,910.00
2,500 Mbps	R61CX	OEM25	\$8,542.00	\$7,977.00	\$7,448.00	\$7,080.00
4,000 Mbps	R61FX	OEM4T	\$10,083.00	\$9,424.00	\$8,800.00	\$8,360.00
5,000 Mbps	R61HX	OEM5T	\$11,859.00	\$11,083.00	\$10,353.00	\$9,840.00
7,500 Mbps	R61NX	OEM75	\$15,577.00	\$14,553.00	\$13,589.00	\$12,910.00
9,500 Mbps	R61RX	OEM95	\$18,542.00	\$17,318.00	\$16,177.00	\$15,370.00
10,000 Mbps	R61SX	OEMTT	\$19,271.00	\$18,012.00	\$16,824.00	\$15,990.00

SECTION 4 - Pricing

**P-4.2.10 Class of Service and Committed Information Rate – PPCoS Arrangement – 24 Month Rates**

Class of Service and Committed Information Rate – PPCoS Arrangement – 24 Month Rates						
CIR	USOC	USOC (BellSouth Only)	Multimedia High	Multimedia Standard	Critical Data	Business Data
2 Mbps	R6E2X	OEMO2	\$510.00	\$470.00	\$330.00	\$310.00
4 Mbps	R6E4X	OEMO4	\$550.00	\$520.00	\$390.00	\$370.00
5 Mbps	R6EAX	OEMO5	\$650.00	\$610.00	\$500.00	\$465.00
8 Mbps	R6E8X	OEMO8	\$750.00	\$700.00	\$610.00	\$570.00
10 Mbps	R6EBX	OEM10	\$1,010.00	\$940.00	\$720.00	\$670.00
20 Mbps	R6EDX	OEM20	\$1,300.00	\$1,210.00	\$990.00	\$925.00
50 Mbps	R6EHX	OEM50	\$1,460.00	\$1,350.00	\$1,130.00	\$1,055.00
100 Mbps	R6ELX	OEM1H	\$1,650.00	\$1,540.00	\$1,320.00	\$1,230.00
150 Mbps	R6ENX	OEM1F	\$1,780.00	\$1,650.00	\$1,520.00	\$1,410.00
250 Mbps	R6EQX	OEM2F	\$2,340.00	\$2,180.00	\$1,740.00	\$1,615.00
400 Mbps	R6ESX	OEM4H	\$2,570.00	\$2,390.00	\$1,950.00	\$1,815.00
500 Mbps	R6ETX	OEM5H	\$2,720.00	\$2,530.00	\$2,090.00	\$1,945.00
600 Mbps	R6EUX	OEM6H	\$3,100.00	\$2,890.00	\$2,450.00	\$2,280.00
1,000 Mbps	R6EZX	OEM1T	\$3,510.00	\$3,280.00	\$2,840.00	\$2,640.00
2,000 Mbps	R61BX	OEM2T	\$6,050.00	\$5,660.00	\$5,280.00	\$4,920.00
2,500 Mbps	R61CX	OEM25	\$7,260.00	\$6,780.00	\$6,330.00	\$5,900.00
4,000 Mbps	R61FX	OEM4T	\$8,570.00	\$8,010.00	\$7,480.00	\$6,970.00
5,000 Mbps	R61HX	OEM5T	\$10,080.00	\$9,420.00	\$8,800.00	\$8,200.00
7,500 Mbps	R61NX	OEM75	\$13,240.00	\$12,370.00	\$11,550.00	\$10,765.00
9,500 Mbps	R61RX	OEM95	\$15,760.00	\$14,720.00	\$13,750.00	\$12,815.00
10,000 Mbps	R61SX	OEMTT	\$16,380.00	\$15,310.00	\$14,300.00	\$13,325.00

## SECTION 4 - Pricing

**P-4.2.11 Class of Service and Committed Information Rate – PPCoS Arrangement – 36 Month Rates**

<b>Class of Service and Committed Information Rate – PPCoS Arrangement – 36 Month Rates</b>						
<b>CIR</b>	<b>USOC</b>	<b>USOC (BellSouth Only)</b>	<b>Multimedia High</b>	<b>Multimedia Standard</b>	<b>Critical Data</b>	<b>Business Data</b>
2 Mbps	R6E2X	OEMO2	\$460.00	\$425.00	\$300.00	\$290.00
4 Mbps	R6E4X	OEMO4	\$500.00	\$465.00	\$350.00	\$340.00
5 Mbps	R6EAX	OEMO5	\$590.00	\$550.00	\$450.00	\$430.00
8 Mbps	R6E8X	OEMO8	\$680.00	\$635.00	\$550.00	\$530.00
10 Mbps	R6EBX	OEM10	\$910.00	\$850.00	\$650.00	\$620.00
20 Mbps	R6EDX	OEM20	\$1,180.00	\$1,100.00	\$900.00	\$860.00
50 Mbps	R6EHX	OEM50	\$1,320.00	\$1,225.00	\$1,025.00	\$980.00
100 Mbps	R6ELX	OEM1H	\$1,500.00	\$1,400.00	\$1,200.00	\$1,140.00
150 Mbps	R6ENX	OEM1F	\$1,610.00	\$1,500.00	\$1,375.00	\$1,310.00
250 Mbps	R6EQX	OEM2F	\$2,120.00	\$1,975.00	\$1,575.00	\$1,500.00
400 Mbps	R6ESX	OEM4H	\$2,330.00	\$2,170.00	\$1,770.00	\$1,685.00
500 Mbps	R6ETX	OEM5H	\$2,470.00	\$2,300.00	\$1,900.00	\$1,810.00
600 Mbps	R6EUX	OEM6H	\$2,810.00	\$2,625.00	\$2,225.00	\$2,120.00
1,000 Mbps	R6EZX	OEM1T	\$3,190.00	\$2,975.00	\$2,575.00	\$2,450.00
2,000 Mbps	R61BX	OEM2T	\$5,500.00	\$5,140.00	\$4,800.00	\$4,560.00
2,500 Mbps	R61CX	OEM25	\$6,600.00	\$6,160.00	\$5,750.00	\$5,470.00
4,000 Mbps	R61FX	OEM4T	\$7,790.00	\$7,280.00	\$6,800.00	\$6,460.00
5,000 Mbps	R61HX	OEM5T	\$9,160.00	\$8,560.00	\$8,000.00	\$7,600.00
7,500 Mbps	R61NX	OEM75	\$12,030.00	\$11,240.00	\$10,500.00	\$9,980.00
9,500 Mbps	R61RX	OEM95	\$14,320.00	\$13,380.00	\$12,500.00	\$11,880.00
10,000 Mbps	R61SX	OEMTT	\$14,890.00	\$13,910.00	\$13,000.00	\$12,350.00



## SECTION 4 - Pricing

**P-4.2.12 Class of Service and Committed Information Rate – PPCoS Arrangement – 48 Month Rates**

<b>Class of Service and Committed Information Rate – PPCoS Arrangement – 48 Month Rates</b>						
<b>CIR</b>	<b>USOC</b>	<b>USOC (BellSouth Only)</b>	<b>Multimedia High</b>	<b>Multimedia Standard</b>	<b>Critical Data</b>	<b>Business Data</b>
2 Mbps	R6E2X	OEMO2	\$460.00	\$425.00	\$300.00	\$290.00
4 Mbps	R6E4X	OEMO4	\$500.00	\$465.00	\$350.00	\$340.00
5 Mbps	R6EAX	OEMO5	\$590.00	\$550.00	\$450.00	\$430.00
8 Mbps	R6E8X	OEMO8	\$680.00	\$635.00	\$550.00	\$530.00
10 Mbps	R6EBX	OEM10	\$910.00	\$850.00	\$650.00	\$620.00
20 Mbps	R6EDX	OEM20	\$1,180.00	\$1,100.00	\$900.00	\$860.00
50 Mbps	R6EHX	OEM50	\$1,320.00	\$1,225.00	\$1,025.00	\$980.00
100 Mbps	R6ELX	OEM1H	\$1,500.00	\$1,400.00	\$1,200.00	\$1,140.00
150 Mbps	R6ENX	OEM1F	\$1,610.00	\$1,500.00	\$1,375.00	\$1,310.00
250 Mbps	R6EQX	OEM2F	\$2,120.00	\$1,975.00	\$1,575.00	\$1,500.00
400 Mbps	R6ESX	OEM4H	\$2,330.00	\$2,170.00	\$1,770.00	\$1,685.00
500 Mbps	R6ETX	OEM5H	\$2,470.00	\$2,300.00	\$1,900.00	\$1,810.00
600 Mbps	R6EUX	OEM6H	\$2,810.00	\$2,625.00	\$2,225.00	\$2,120.00
1,000 Mbps	R6EZX	OEM1T	\$3,190.00	\$2,975.00	\$2,575.00	\$2,450.00
2,000 Mbps	R61BX	OEM2T	\$5,500.00	\$5,140.00	\$4,800.00	\$4,560.00
2,500 Mbps	R61CX	OEM25	\$6,600.00	\$6,160.00	\$5,750.00	\$5,470.00
4,000 Mbps	R61FX	OEM4T	\$7,790.00	\$7,280.00	\$6,800.00	\$6,460.00
5,000 Mbps	R61HX	OEM5T	\$9,160.00	\$8,560.00	\$8,000.00	\$7,600.00
7,500 Mbps	R61NX	OEM75	\$12,030.00	\$11,240.00	\$10,500.00	\$9,980.00
9,500 Mbps	R61RX	OEM95	\$14,320.00	\$13,380.00	\$12,500.00	\$11,880.00
10,000 Mbps	R61SX	OEMTT	\$14,890.00	\$13,910.00	\$13,000.00	\$12,350.00

## SECTION 4 - Pricing

**P-4.2.13 Class of Service and Committed Information Rate – PPCoS Arrangement – 60 Month Rates**

<b>Class of Service and Committed Information Rate – PPCoS Arrangement – 60 Month Rates</b>						
<b>CIR</b>	<b>USOC</b>	<b>USOC (BellSouth Only)</b>	<b>Multimedia High</b>	<b>Multimedia Standard</b>	<b>Critical Data</b>	<b>Business Data</b>
2 Mbps	R6E2X	OEMO2	\$460.00	\$425.00	\$300.00	\$290.00
4 Mbps	R6E4X	OEMO4	\$500.00	\$465.00	\$350.00	\$340.00
5 Mbps	R6EAX	OEMO5	\$590.00	\$550.00	\$450.00	\$430.00
8 Mbps	R6E8X	OEMO8	\$680.00	\$635.00	\$550.00	\$530.00
10 Mbps	R6EBX	OEM10	\$910.00	\$850.00	\$650.00	\$620.00
20 Mbps	R6EDX	OEM20	\$1,180.00	\$1,100.00	\$900.00	\$860.00
50 Mbps	R6EHX	OEM50	\$1,320.00	\$1,225.00	\$1,025.00	\$980.00
100 Mbps	R6ELX	OEM1H	\$1,500.00	\$1,400.00	\$1,200.00	\$1,140.00
150 Mbps	R6ENX	OEM1F	\$1,610.00	\$1,500.00	\$1,375.00	\$1,310.00
250 Mbps	R6EQX	OEM2F	\$2,120.00	\$1,975.00	\$1,575.00	\$1,500.00
400 Mbps	R6ESX	OEM4H	\$2,330.00	\$2,170.00	\$1,770.00	\$1,685.00
500 Mbps	R6ETX	OEM5H	\$2,470.00	\$2,300.00	\$1,900.00	\$1,810.00
600 Mbps	R6EUX	OEM6H	\$2,810.00	\$2,625.00	\$2,225.00	\$2,120.00
1,000 Mbps	R6EZX	OEM1T	\$3,190.00	\$2,975.00	\$2,575.00	\$2,450.00
2,000 Mbps	R61BX	OEM2T	\$5,500.00	\$5,140.00	\$4,800.00	\$4,560.00
2,500 Mbps	R61CX	OEM25	\$6,600.00	\$6,160.00	\$5,750.00	\$5,470.00
4,000 Mbps	R61FX	OEM4T	\$7,790.00	\$7,280.00	\$6,800.00	\$6,460.00
5,000 Mbps	R61HX	OEM5T	\$9,160.00	\$8,560.00	\$8,000.00	\$7,600.00
7,500 Mbps	R61NX	OEM75	\$12,030.00	\$11,240.00	\$10,500.00	\$9,980.00
9,500 Mbps	R61RX	OEM95	\$14,320.00	\$13,380.00	\$12,500.00	\$11,880.00
10,000 Mbps	R61SX	OEMTT	\$14,890.00	\$13,910.00	\$13,000.00	\$12,350.00

SECTION 4 - Pricing

P-4.3 Optional Features

Optional Features									
Rate Element <sup>(3)</sup>	USOC	USOC (BellSouth Only)	Nonrecurring Charges <sup>(1)</sup>	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
<b>Regenerator (per port)</b>									
100 Mbps	EYQHX	OEMRM	\$250.00	\$3,250.00	\$1,630.00	\$1,090.00	\$820.00	\$650.00	\$3,400.00
1 Gbps	EYQJX	OEMRG	\$250.00	\$3,250.00	\$1,630.00	\$1,090.00	\$820.00	\$650.00	\$3,400.00
10 Gbps	EYQKX	OEMRX	\$1,500.00	\$6,000.00	\$4,800.00	\$4,400.00	\$4,200.00	\$3,900.00	\$7,200.00
<b>Alternate Serving Switch</b>									
0 – 10 miles	1HHEK	OEMA1	\$1,200.00	\$970.00	\$485.00	\$325.00	\$245.00	\$195.00	\$1,165.00
11 – 25 miles	1HHEL	OEMA2	\$1,200.00	\$1,940.00	\$970.00	\$650.00	\$490.00	\$390.00	\$2,330.00
26 – 35 miles	1HHEM	OEMA3	\$1,200.00	\$6,500.00	\$3,300.00	\$2,200.00	\$1,700.00	\$1,300.00	\$8,120.00
36 – 50 miles	1HHEN	OEMA4	\$1,200.00	\$7,200.00	\$4,300.00	\$3,000.00	\$2,500.00	\$2,200.00	\$8,700.00
<b>Diverse Access</b>									
EY7AD	OEMDA	\$600.00	\$750.00	\$450.00	\$250.00	\$250.00	\$250.00	\$1,000.00	
<b>Advanced Access Failover ( Per Port)</b>									
1 Gbps	EY7AA	OEMAF	\$1,200.00	\$4,000.00	\$2,500.00	\$2,120.00	\$2,120.00	\$2,120.00	\$4,200.00
10 Gbps	EY7AB	OEMAG	\$1,200.00	\$22,000.00	\$15,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$23,000.00
<b>Direct LEC Additional Mileage</b>									
<b>2 through 20 Mbps</b>									
0 – 10 miles	1HHDO	OEMMO	\$1,200.00	\$1,520.00	\$980.00	\$750.00	\$600.00	\$500.00	\$1,980.00
11 – 25 miles	1HHDA	OEMD1	\$1,200.00	\$3,030.00	\$1,950.00	\$1,500.00	\$1,200.00	\$1,000.00	\$3,940.00
26 – 35 miles	1HHDB	OEMD2	\$1,200.00	\$4,550.00	\$2,930.00	\$2,250.00	\$1,800.00	\$1,500.00	\$5,920.00
36 – 50 miles	1HHDC	OEMD3	\$1,200.00	\$7,570.00	\$4,880.00	\$3,750.00	\$3,000.00	\$2,500.00	\$9,850.00
<b>50 through 150 Mbps</b>									
0 – 10 miles	1HHDP	OEMMP	\$1,200.00	\$1,520.00	\$980.00	\$750.00	\$600.00	\$500.00	\$1,980.00
11 – 25 miles	1HHDD	OEMD4	\$1,200.00	\$3,030.00	\$1,950.00	\$1,500.00	\$1,200.00	\$1,000.00	\$3,940.00
26 – 35 miles	1HHDE	OEMD5	\$1,200.00	\$4,550.00	\$2,930.00	\$2,250.00	\$1,800.00	\$1,500.00	\$5,920.00
36 – 50 miles	1HHDF	OEMD6	\$1,200.00	\$7,570.00	\$4,880.00	\$3,750.00	\$3,000.00	\$2,500.00	\$9,850.00
<b>250 Mbps through 1Gbps</b>									
0 – 10 miles	1HHDQ	OEMMQ	\$1,200.00	\$1,520.00	\$980.00	\$750.00	\$600.00	\$500.00	\$1,980.00
11 – 25 miles	1HHDG	OEMD7	\$1,200.00	\$3,030.00	\$1,950.00	\$1,500.00	\$1,200.00	\$1,000.00	\$3,940.00
26 – 35 miles	1HHDH	OEMD8	\$1,200.00	\$4,550.00	\$2,930.00	\$2,250.00	\$1,800.00	\$1,500.00	\$5,920.00
36 – 50 miles	1HHDJ	OEMD9	\$1,200.00	\$7,570.00	\$4,880.00	\$3,750.00	\$3,000.00	\$2,500.00	\$9,850.00
Notes:									
<sup>(1)</sup> Nonrecurring Charges are waived for service ordered under a new EPP as specified in Section P-2(1).									

SECTION 4 - Pricing

ICO NNI Arrangement (ICO Trunking Arrangement)									
Rate Element	USOC	BellSouth USOC	Nonrecurring Charges <sup>(1)</sup>	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps	LYTOA	OEMCA	\$300.00	\$350.00	\$290.00	\$250.00	\$235.00	\$220.00	\$420.00
4 Mbps	LYTOB	OEMCB	\$345.00	\$400.00	\$330.00	\$285.00	\$268.00	\$250.00	\$480.00
5 Mbps	LYTOC	OEMCC	\$400.00	\$450.00	\$370.00	\$315.00	\$293.00	\$270.00	\$540.00
8 Mbps	LYTOD	OEMCD	\$460.00	\$510.00	\$420.00	\$360.00	\$335.00	\$310.00	\$620.00
10 Mbps	LYTOE	OEMCE	\$525.00	\$590.00	\$490.00	\$420.00	\$390.00	\$360.00	\$710.00
20 Mbps	LYTOF	OEMCF	\$600.00	\$700.00	\$580.00	\$504.00	\$467.00	\$430.00	\$840.00
50 Mbps	LYTOG	OEMCG	\$700.00	\$880.00	\$730.00	\$630.00	\$585.00	\$540.00	\$1060.00
100 Mbps	LYTOH	OEMCH	\$800.00	\$1170.00	\$970.00	\$840.00	\$780.00	\$720.00	\$1410.00
150 Mbps	LYTOJ	OEMCJ	\$925.00	\$1740.00	\$1450.00	\$1260.00	\$1170.00	\$1080.00	\$2090.00
200 Mbps	LYTOO	OEMCK	\$1200.00	\$2000.00	\$1660.00	\$1440.00	\$1335.00	\$1230.00	\$2400.00
250 Mbps	LYTOK	OEMCL	\$1200.00	\$2250.00	\$1870.00	\$1620.00	\$1500.00	\$1380.00	\$2700.00
300 Mbps	LYTOP	OEMCM	\$1200.00	\$2840.00	\$2360.00	\$2048.00	\$1896.00	\$1744.00	\$3410.00
400 Mbps	LYTOQ	OEMCN	\$1200.00	\$4320.00	\$3595.00	\$3124.00	\$2891.00	\$2657.00	\$5190.00
500 Mbps	LYTOL	OEMCO	\$1200.00	\$4840.00	\$4030.00	\$3500.00	\$3240.00	\$2980.00	\$5810.00
600 Mbps	LYTOM	OEMCP	\$1200.00	\$5800.00	\$4830.00	\$4200.00	\$3885.00	\$3570.00	\$6960.00
700 Mbps	LYTOR	OEMCQ	\$1200.00	\$5840.00	\$5000.00	\$4420.00	4110.00	\$3800.00	\$7010.00
800 Mbps	LYTOS	OEMCR	\$1200.00	\$6000.00	\$5140.00	\$4540.00	\$4220.00	\$3900.00	\$7200.00
900 Mbps	LYTOT	OEMCS	\$1200.00	\$6160.00	\$5270.00	\$4660.00	\$4330.00	\$4000.00	\$7400.00
1000 Mbps	LYTON	OEMCT	\$1200.00	\$6600.00	\$5500.00	\$4830.00	\$4465.00	\$4100.00	\$7920.00

SECTION 4 - Pricing

ICO NNI Arrangement (ICO Trunking Arrangement) Additional Mileage									
Rate Element	USOC	SE USOC	Nonrecurring Charges <sup>(1)</sup>	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
<b>2 through 20 Mbps</b>									
0 – 10 miles	JZ49E	OEMCU	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11 – 25 miles	JZXTE	OEMC1	\$0.00	\$260.00	\$200.00	\$170.00	\$170.00	\$170.00	\$290.00
26 – 35 miles	JZXTH	OEMC4	\$0.00	\$420.00	\$320.00	\$270.00	\$270.00	\$270.00	\$470.00
36 – 50 miles	JZXTL	OEMC7	\$0.00	\$630.00	\$480.00	\$410.00	\$410.00	\$410.00	\$700.00
<b>50 through 200 Mbps</b>									
0 – 10 miles	JZ49E	OEMCU	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11 – 25 miles	JZ49A	OEMC2	\$0.00	\$580.00	\$440.00	\$375.00	\$375.00	\$375.00	\$640.00
26 – 35 miles	JZ49C	OEMC5	\$0.00	\$1020.00	\$780.00	\$675.00	\$675.00	\$675.00	\$1130.00
36 – 50 miles	JZ49D	OEMC8	\$0.00	\$1660.00	\$1270.00	\$1100.00	\$1100.00	\$1100.00	\$1830.00
<b>250 through 1, 000 Mbps</b>									
0 – 10 miles	JZ49E	OEMCU	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11 – 25 miles	JZ49B	OEMC3	\$0.00	\$2250.00	\$1730.00	\$1500.00	\$1500.00	\$1500.00	\$2480.00
26 – 35 miles	JZXTK	OEMC6	\$0.00	\$2630.00	\$2020.00	\$1750.00	\$1750.00	\$1750.00	\$2900.00
36 – 50 miles	JZXTO	OEMC9	\$0.00	\$2990.00	\$2300.00	\$2000.00	\$2000.00	\$2000.00	\$3290.00
Notes:									
(1)	Nonrecurring Charges are waived for service ordered under a new EPP as specified in Section P-2(1).								

Additional Rates and Charges				
Rate Element	USOC	USOC (BellSouth Only)	Nonrecurring Charges <sup>(1)</sup>	Monthly Recurring Charge
Additional MAC Addresses (per port)	M2CBX	OEMMC	\$70.00	\$5.00
Enhanced Multicast (per port)	EY7AE	OEMEM	\$0.00	\$140.00
Administrative Charge (per order)	ORCMX	ORCMX	\$51.00	NA
Notes:				
(1)	Nonrecurring Charges are waived for service ordered under a new EPP as specified in Section P-2(1).			

SECTION 4 - Pricing

**P-4.4 Ordering Charges**

<b>Ordering Charges</b>			
	<b>States</b>	<b>USOC</b>	<b>Charge</b>
Order Charge	AL, FL, GA, IL, IN, KY, LA, MI, MS, NC, NV, OH, SC, TN, WI	N/A	N/A
	CA	NRBAO	\$22.00
	AR, KS, MO, OK, TX	N/A	\$14.00
Design Change Charge, per order	IL, IN, MI, OH, WI	H28	\$58.00
	CA	H28	\$17.00
	NV	H28	\$60.00
	AR, KS, MO, OK, TX	H28	\$32.96
	AL, FL, GA, KY, LA, MS, NC, SC, TN	H28	\$39.93
Service Date Change Charge, per order, per occurrence	AR, IL, IN, KS, MI, MO, NV, OH, OK, TX, WI	OMC	\$26.50
	CA	OMC/OMCSD	\$26.50
	AL, FL, GA, KY, LA, MS, NC, SC, TN	OMC	\$31.60
Service Date Change Dispatch Charge, per occurrence	AR, CA, IL, IN, KS, MI, MO, NV, OH, OK, TX, WI	VT6DN	\$200.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	OMCAD	\$150.00
Billing Change Charge by RAO - per ACNA, per Customer type, per billing period	AR, KS, MO, OK, TX		\$7.25
Change of Bill Period - Manual Entry, per EVC	AR, KS, MO, OK, TX	NRBCH	\$44.00
Change of Bill Period - Mechanical Entry, per BAN	AR, KS, MO, OK, TX	NRBCH	\$65.00
Miscellaneous Service Order Charge - per occurrence for Standby and Testing and Maintenance with other telephone companies	NV	MSSOC	\$121.77

SECTION 4 - Pricing

**P-4.5 Additional Engineering, Additional Labor and Testing Charges**

Additional Engineering, Additional Labor and Testing Charges					
	States	USOC	First Half Hour or Fraction Thereof	USOC	Each Additional Half Hour or Fraction Thereof
<u>Additional Engineering</u>					
Basic Time - per engineer	IL, IN, MI, OH, WI	AEH	\$49.91	AEH	\$44.69
	CA	AEHNF/AEH++	\$62.08	AEHNS	\$36.00
	NV	AEHNF/AEH++	\$44.69	AEHNF/AEH++	\$44.69
	AR, KS, MO, OK, TX	AEH	\$34.59	AEH	\$24.97
	AL, FL, GA, KY, LA, MS, NC, SC, TN	AEH	\$31.00	AEH	\$22.00
Overtime - per engineer	IL, IN, MI, OH, WI	AEH	\$76.70	AEH	\$50.75
	CA	AEHXF/AEH++	\$76.70	AEHNS	\$50.75
	NV	AEHXF/AEH++	\$64.40	AEHXF/AEH++	\$64.40
	AR, KS, MO, OK, TX	AEH	\$41.37	AEH	\$31.75
	AL, FL, GA, KY, LA, MS, NC, SC, TN	AEH	\$37.00	AEH	\$26.00
<u>Additional Labor - installation</u>					
Overtime - per technician	IL, IN, MI, OH, WI	ALH	\$250.00	ALH	\$100.00
	CA	ALHXF/ALH++	\$250.00	ALHXS	\$100.00
	NV	ALHXF/ALH++	\$250.00	ALHXF/ALH++	\$250.00
	AR, KS, MO, OK, TX	ALH	\$250.00	ALH	\$100.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	ALH	\$250.00	ALH	\$100.00
Premium Time - per technician	IL, IN, MI, OH, WI	ALH	\$300.00	ALH	\$220.00
	CA	ALHPF/ALH++	\$300.00	ALHPS	\$250.00
	NV	ALHPF/ALH++	\$300.00	ALHPF/ALH++	\$300.00
	AR, KS, MO, OK, TX	ALH	\$300.00	ALH	\$250.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	ALH	\$300.00	ALH	\$250.00
<u>Additional Labor - standby</u>					
Basic Time - per technician	AL, FL, GA, KY, LA, MS, NC, SC, TN	ALT	\$36.00	ALT	\$23.00
Overtime - per technician	AL, FL, GA, KY, LA, MS, NC, SC, TN	ALT	\$44.00	ALT	\$29.00
Premium Time - per technician	AL, FL, GA, KY, LA, MS, NC, SC, TN	ALT	\$52.00	ALT	\$34.00

SECTION 4 - Pricing

Additional Engineering, Additional Labor and Testing Charges					
	States	USOC	First Half Hour or Fraction Thereof	USOC	Each Additional Half Hour or Fraction Thereof
<u>Additional Labor - standby</u>					
Basic Time - per technician	IL, IN, MI, OH, WI		None	ALT	\$23.67
	CA		None	ALTNS	\$40.00
	NV		None	ALTNF/ALT++	\$85.00
	AR, KS, MO, OK, TX	ALT	\$0.00	ALT	\$115.00
Overtime - per technician	IL, IN, MI, OH, WI		None	ALT	\$27.05
	CA		None	ALTXS	\$50.00
	NV		None	ALTXF/ALT++	\$80.00
	AR, KS, MO, OK, TX	ALT	\$0.00	ALT	\$140.00
Premium Time - per technician	IL, IN, MI, OH, WI		None	ALT	\$31.29
	CA		None	ALTPS	\$60.00
	NV		None	ALTPF/ALT++	\$90.00
	AR, KS, MO, OK, TX	ALT	\$0.00	ALT	\$170.00



SECTION 4 - Pricing

Additional Engineering, Additional Labor and Testing Charges					
	States	USOC	First Half Hour or Fraction Thereof	USOC	Each Additional Half Hour or Fraction Thereof
<u>Additional Labor - testing and maintenance with other telephone companies or Other labor</u>					
Basic Time - per technician	IL, IN, MI, OH, WI	ALK	\$23.94	ALK	\$22.68
	CA	ALKNF/ALK++	\$45.00	ALKNS	\$50.00
	NV - installation technician	ALKNR/ALK++	\$115.00	ALKNR/ALK++	\$115.00
	NV - central office technician	ALKNM	\$40.00	ALKNM	\$40.00
	AR, KS, MO, OK, TX	ALK	\$85.00	ALK	\$55.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	ALK	\$42.00	ALK	\$23.00
	Overtime - per technician	IL, IN, MI, OH, WI	ALK	\$26.62	ALK
CA		ALKXF/ALK++	\$50.00	ALKXS	\$42.00
NV - installation technician		ALKXR/ALK++	\$80.00	ALKXR/ALK++	\$80.00
NV - central office technician		ALKXM	\$60.00	ALKXM	\$60.00
AR, KS, MO, OK, TX		ALK	\$100.00	ALK	\$80.00
AL, FL, GA, KY, LA, MS, NC, SC, TN		ALK	\$49.00	ALK	\$29.00
Premium Time - per technician		IL, IN, MI, OH, WI	ALK	\$31.46	ALK
	CA	ALKPF/ALK++	\$50.00	ALKPS	\$55.00
	NV - installation technician	ALKPR/ALK++	\$110.00	ALKPR/ALK++	\$110.00
	NV - central office technician	ALKPM	\$95.00	ALKPM	\$95.00
	AR, KS, MO, OK, TX	ALK	\$110.00	ALK	\$90.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	ALK	\$57.00	ALK	\$34.00

SECTION 4 - Pricing

Additional Engineering, Additional Labor and Testing Charges					
	States	USOC	First Half Hour or Fraction Thereof	USOC	Each Additional Half Hour or Fraction Thereof
<u>Additional Cooperative Acceptance Testing (ACAT)</u>					
Basic Time - per technician	IL, IN, MI, OH, WI	SNTX+	\$40.92	SNTX+	\$22.60
	CA	SNTNF/SNT++	\$42.00	SNTNS	\$21.00
	NV	SNTNR/SNT++	\$40.21	SNTNM	\$32.72
	AR, KS, MO, OK, TX	SNTX+	\$85.00	SNTX+	\$55.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	SNTX+	\$37.00	SNTX+	\$23.00
Overtime - per technician	IL, IN, MI, OH, WI	SNTX+	\$41.28	SNTX+	\$25.99
	CA	SNTXF/SNT++	\$45.00	SNTXS	\$24.00
	NV	SNTXR/SNT++	\$60.32	SNTXM	\$49.08
	AR, KS, MO, OK, TX	SNTX+	\$100.00	SNTX+	\$80.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	SNTX+	\$44.00	SNTX+	\$29.00
Premium Time - per technician	IL, IN, MI, OH, WI	SNTX+	\$46.34	SNTX+	\$29.57
	CA	SNTPF/SNT++	\$49.00	SNTPS	\$28.00
	NV	SNTXR/SNT++	\$80.42	SNTPM	\$65.43
	AR, KS, MO, OK, TX	SNTX+	\$110.00	SNTX+	\$90.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	SNTX+	\$52.00	SNTX+	\$34.00

SECTION 4 - Pricing

Additional Engineering, Additional Labor and Testing Charges					
	States	USOC	First Half Hour or Fraction Thereof	USOC	Each Additional Half Hour or Fraction Thereof
<b>Nonscheduled Testing (NST)</b>					
Basic Time - per technician	IL, IN, MI, OH, WI	SNOX+	\$40.92	SNOX+	\$22.60
	CA	SNONF/SNO++	\$42.00	SNONS	\$21.00
	NV	SNTNR/SNT++	\$40.21	SNTNM	\$32.72
	AR, KS, MO, OK, TX	SNOX+	\$85.00	SNOX+	\$55.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	SNOX+	\$37.00	SNOX+	\$23.00
Overtime - per technician	IL, IN, MI, OH, WI	SNOX+	\$41.28	SNOX+	\$25.99
	CA	SNOXF/SNO++	\$45.00	SNOXS	\$24.00
	NV	SNTXR/SNT++	\$60.32	SNTXM	\$49.08
	AR, KS, MO, OK, TX	SNOX+	\$100.00	SNOX+	\$80.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	SNOX+	\$44.00	SNOX+	\$29.00
Premium Time - per technician	IL, IN, MI, OH, WI	SNOX+	\$46.34	SNOX+	\$29.57
	CA	SNOPF/SNO++	\$49.00	SNOPS	\$28.00
	NV	SNTXR/SNT++	\$80.42	SNTPM	\$65.43
	AR, KS, MO, OK, TX	SNOX+	\$110.00	SNOX+	\$90.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN	SNOX+	\$52.00	SNOX+	\$34.00

SECTION 4 - Pricing

**P-4.6 Billing Media Charges**

<b>Billing Media Charges (when applicable)</b>				
	<b>States</b>	<b>USOC</b>	<b>FID</b>	<b>Charge</b>
Paper Bill	CA, IL, IN, MI, OH, WI - per page		NOB/NEL	ICB
	NV - per single page		NOB/NEL	\$0.0300
	NV - per double page		NOB/NEL	\$0.0325
	AR, KS, MO, OK, TX - per page	WCP1X		\$0.0004
	AL, FL, GA, KY, LA, MS, NC, SC, TN - per page			\$0.2500
Electronic data transmission - per record	IL, IN, MI, OH, WI		DMT	ICB
	AR, KS, MO, OK, TX	WCP4X		\$0.0004
	AL, FL, GA, KY, LA, MS, NC, SC, TN			\$0.000932
Floppy diskette - per diskette	IL, IN, MI, OH, WI		BOD/BTH	ICB
CD-ROM - per disk	AR, CA, KS, MO, OK, NV, TX	WCP6X		\$10.00
	AL, FL, GA, KY, LA, MS, NC, SC, TN			\$60.00
DVD - per disk	AR, CA, KS, MO, OK, NV, TX	WCP7X		\$10.00
Magnetic Tape	IL, OH - per record		DMT	\$0.003
	IN, MN		DMT	ICB
	WI - up to 225 bytes		DMT	\$0.003
	WI - per tape		DMT	\$35.00
	CA - per record		DMT	\$0.0150
	CA - per tape	MTBAC		\$50.00
	NV - per record	BBLCT	DMT	\$0.015
	NV - per tape	WCP2X/MTBAC		\$50.00
	AR, KS, MO, OK, TX - per tape	WCP2X		\$82.76
	AL, FL, GA, KY, LA, MS, NC, SC, TN - per tape			\$51.84
	AL, FL, GA, KY, LA, MS, NC, SC, TN - per record			\$0.0018
Microfiche - per record	IL, IN, MI, OH, WI		BOD/BTH	ICB
Internet Mailbox - per mailbox, per month	AL, FL, GA, KY, LA, MS, NC, SC, TN			\$40.00