

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.1. DESCRIPTION**

Switched Access Service, which is available to Customers for their use in furnishing their services to End Users, provides a two-point communications path between a Customer's premises (or collocated interconnection location) and an End User's premises. It provides for the use of common terminating, switching and trunking facilities. Switched Access Service provides for the ability to originate calls from an End User's premises to a Customer's premises (or collocated interconnection location) and to terminate calls from a Customer's premises (or collocated interconnection location) to an End User's premises in the LATA where it is provided.

Switched Access Service is provided in the following service categories, which are differentiated by their technical characteristics and the manner in which an End User or Customer accesses them when origination and terminating calls.

**3.1.1. FEATURE GROUP D ACCESS**

Feature Group D (FGD) Access, which is available to all Customers, provides trunk side access to Company end office switches with an associated 10XXX access code for the Customer's use in originating and terminating communications.

**3.1.2. 800/TOLL FREE DATA BASE ACCESS**

800/Toll Free Data Base Access Service, which is available to all Customers, provides trunk side access to Company end office switches in the originating direction only, for the Customer's use in originating calls dialed by and end user to telephone numbers beginning with a toll free prefix, e.g., 800, 888.

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.2. RULES AND REGULATIONS**

The Company has certain obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

**3.2.1. OBLIGATIONS OF THE COMPANY**

A. Network Management

The Company will administer its network to insure that provision of acceptable service levels, to all telecommunications users of the Company's network services. The Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a Customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as a failure or overload of Company or Customer facilities, natural disasters, mass calling or national security demands.

B. Design and Traffic Routing Of Switched Access Service

The Company shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment. Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment and the Company's traffic routing plans. If the Customer desires different routing or directionality than that determined by the Company, the Company will work cooperatively with the Customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service.

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.2. RULES AND REGULATIONS (CONT'D)**

**3.2.1. OBLIGATIONS OF THE COMPANY (CONT'D)**

C. Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Company through its own service evaluation routines may also be made available to the Customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance Customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

D. Trunk Group Measurements Reports

Subject to availability, the Company will make available trunk group data in the form of usage in CCS, peg count and overflow to the Customer based on previously agreed to intervals. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual base basis.

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.2. RULES AND REGULATIONS (CONT'D)**

**3.2.2. SWITCHED ACCESS SERVICE ORDER**

An Access Service Order is used by the Company to provide a Customer Access Service. When placing an order for Access Service, the Customer shall provide, at a minimum, the following information:

- A. For Feature Group D Switched Access Service, the Customer shall specify the number of busy hour minutes of capacity (BHMC) from the Customer's premises to the end office by traffic type. This information is used to determine the number of transmission paths. The Customer shall also specify the Local Transport and End Office Local Switching options. Customers may, at their option, order FGD by specifying the number of trunks and the end office when direct routing to the end office is desired and the Local Transport and end office local switching options desired.
- B. For 800/Toll Free Database Access Service, the Customer shall order the service in accordance with the preceding provisions set forth for Feature Group D.
- C. When a Customer orders collocation in an end office with Company provided Switched Access Service (s), the Customer must specify the collocated fiber optic facilities or microwave interconnection location involved. The Customer must also specify the particular location involved, which must be the same location in which the Switched Access Services originate or terminate.

**3.2.3. MINIMUM PERIODS**

The minimum service period for Local Transport entrance facilities and direct trunked transport are as follows:

DS1: 2 months  
DS3: 3 months

When service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. Customers may at any time change their service payment option to a Terms Payment Plan without assessment of a minimum service charge.

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.3. STANDARD RATE CATEGORIES**

The following rate categories apply to all forms of Switched Access Service, unless otherwise specified in this tariff.

- Carrier Common Line
- End Office Local Switching
- Local Transport

**3.3.1. CARRIER COMMON LINE**

Carrier Common Line provides for the use of End Users' Company-provided common lines by Customers for access to such End Users to furnish intrastate communications.

No telephone number or detailed billing is provided with Carrier Common Line Access. Directory listings and intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

All trunk-side connections provided in the same combined access group will be limited to the same features and operating characteristics.

**3.3.2. END OFFICE LOCAL SWITCHING**

End Office Local Switching provides for the use of the local end office switching and End User termination functions necessary to complete the transmission of calls to and from End Users served by the Company.

A. Local Switching

The Local Switching rate element provides local dial switching for Feature Group D service.

B. Common Trunk Port

The end office Common Trunk Port rate provides for the termination of tandem transport trunks in shared end office ports. The end office Common Trunk Port rate is assessed on a per-MOU basis to all trunkside originating and terminating access minutes utilizing tandem routing to an end office.

(C)  
—  
(C)

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.3. STANDARD RATE CATEGORIES (CONT'D)**

**3.3.3. LOCAL TRANSPORT**

The Local Transport rate category provides the transmission facilities between the Customer premises or collocated interconnection location and the end office switch(es) where the Customer traffic is switched to originate or terminate its communications.

The Company will provide Direct Trunked Transport between a Customer's premises and the Company's end office switch upon request. At the Customer option, Entrance Facility, Direct Trunked Transport, may be provided by the Company, by the Customer, or by another carrier. If Direct Trunked Transport facilities are terminated at a Company end office switch location by a Customer, or by another carrier on behalf of a Customer, Entrance Facility non-recurring charges apply.

A. Entrance Facility

An Entrance Facility provides the communications path between a Customer's premises and the Company serving wire center (SWC) of the premises for the sole use of the Customer. The Entrance facility is provided as a DS1 and/or DS3 service. An Entrance Facility is required whether the Customer's premises and the serving wire center are located in the same or different buildings.

B. Direct Trunked Transport

Direct Trunked Transport provides the transmission path from the Customer's serving wire center to an end office or as an option from the serving wire center to a tandem office. The transmission path is dedicated to the use of a single Customer.

The Direct Trunked Transport rate category is comprised of a monthly fixed rate and a monthly per mile dependent on the facility provided e.g. DS1 or DS3. The fixed rate provides the circuit equipment at the ends of the transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Direct Trunked Transport rate is the sum of the fixed and per mile rate. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the serving wire center of the Customer's premises and the end office or directly to the access tandem using the V&H coordinate coordinates method as described elsewhere in this tariff.

---

ISSUED: [July 18, 2002](#)

By:

David Lloyd, Director - Tariffs  
188 Inverness Drive West  
Englewood, Colorado 80112

EFFECTIVE: [July 19, 2002](#)

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.3. STANDARD RATE CATEGORIES (CONT'D)**

**3.3.3. LOCAL TRANSPORT (CONT'D)**

C. Common Switched Transport

The Common Switched Transport rate category provides for a portion of the circuit termination equipment at the end points and for a portion of the circuit transmission equipment and facilities between end points.

If the Customer purchases Direct Trunked Transport to the access tandem, the Common Switched Transport rate also applies.

D. Competitive Pricing Arrangements

Competitive pricing arrangements for Entrance Facilities and Direct Trunked Transport can be furnished to meet the requirements of specific Customer on a case-by-case basis under individual contracts. Specialized rates or charges will be made available to similarly situated Customers on a nondiscriminatory basis.

E. Interface Groups

Interface Groups are provided for terminating Local Transport at the Customer's premises. The Interface Group provides a specified premises interface. Where transmission facilities permit, the individual transmission path between the Customer's premises and the first point of switching may at the option of the Customer be provided with optional features.

(C)

(C)

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.4. OTHER RATE CATEGORIES**

**3.4.1. 8XX TOLL-FREE ACCESS SERVICE**

8XX Toll-Free Access Service is a service offering originating trunk side Switched Access Service. The service provides for the forwarding of end user dialed 8XX calls to a Company Service Switching Point, which will initiate a query to the database to perform the customer identification and delivery functions. The call is forwarded to the appropriate customer based on the dialed 8XX number.

\* \* \* (C)

A. Customer Identification Charge

The 8XX Toll-Free Access Service Customer Identification Charge applies for the identification and delivery of the appropriate customer. The charge is assessed to the customer on a per query basis and may include an area of service which may range from a single NPA-NXX to an area consisting of all LATAs and NPAs within the state. The 8XX Carrier Identification Charge is set forth in Section 3.5.5.

\* \* \* (C)

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.5. RATES AND CHARGES**

	NON- RECURRING	ADD'L NON- RECURRING [1]	
<b>3.5.1. SERVICE IMPLEMENTATION</b>			
DS1 Interface	\$0.00	\$0.00	
<b>3.5.2. CARRIER COMMON LINE</b>		<b>MONTHLY RATE</b>	
Per Minute of Use			(C)
• Verizon Territory		\$0.000000	
• Embarq Territory		0.000000	(C)
<b>3.5.3. END OFFICE LOCAL SWITCHING</b>		<b>MONTHLY RATE PER MOU</b>	
A. Local Switching			
Originating			(C)
• Verizon Territory		\$0.006212	
• Embarq Territory		0.003892	(D)
Terminating			
• Verizon Territory		0.006212	
• Embarq Territory		0.003892	(D)
B. Common Trunk Port			
• Verizon Territory		0.001598	
• Embarq Territory		0.000490	(D)(C)
<b>3.5.4. LOCAL TRANSPORT</b>			
A. Entrance Facility			
	<b>MONTHLY RECURRING</b>	<b>NON- RECURRING</b>	<b>ADD'L NON- RECURRING [1]</b>
<b>DS1</b>			
1 yr	ICB	\$0.00	\$0.00
5 yrs	ICB	0.00	0.00
<b>DS3</b>			
1 yr	ICB	0.00	0.00
5 yrs	ICB	0.00	0.00

[1] Additional Nonrecurring Charge applies to additional services installed at the same time and at the same location as the initial service.

ISSUED: [April 15, 2009](#)

EFFECTIVE: [April 16, 2009](#)

By:

David Lloyd, Director - Tariffs  
183 Inverness Drive West  
Englewood, Colorado 80112

**COMCAST SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.5. RATES AND CHARGES (CONT'D)**

**3.5.4. LOCAL TRANSPORT (CONT'D)**

B. Direct Trunked Transport

	<b>1 YEAR MRC</b>	<b>3 YEAR MRC</b>	<b>5 YEAR MRC</b>
<b>DS1</b> Fixed	ICB	ICB	ICB
<b>DS3</b> Fixed	ICB	ICB	ICB

C. Common Switched Transport

	<b>PER ACCESS MINUTE</b>	
Common Transport		(C)
• Verizon Territory	\$0.001005	(I)
• Embarq Territory	0.001109	(I) (C)

**3.5.5. 8XX TOLL-FREE ACCESS SERVICE**

	<b>RATE PER QUERY</b>	
A. Customer Identification Charge		(C)
• Verizon Territory	\$0.003089	
• Embarq Territory	0.010288	(I) (C)

\* \* \*

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.6. MISCELLANEOUS SERVICES**

**3.6.1. PRESUBSCRIPTION**

Presubscription is an arrangement whereby an End User may select and designate to the Company an interexchange carrier (IC) to access, without an access code, for intrastate interLATA calls. For the purposes of this tariff, an "IC" includes any entity authorized by the Pennsylvania Public Utility Commission to provide or to resell intrastate, intercity communications services. This IC is referred to as the End User's Primary Interexchange Carrier (PIC). The End User may select the Company as its PIC, or may select any other IC that orders originating Feature Group D Switch Access Service either to the Company's end office location or to an authorized local exchange carrier's tandem that sub-tends the Company's end office. After the End User's initial selection of a predesignated IC, for any additional change in selection, a non-recurring charge, as set forth below applies.

A. Rates

	<b>NONRECURRING CHARGE</b>
Per Company Telephone Exchange Access Line or Trunk:	\$5.00

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.7. INTRALATA TOLL PRESUBSCRIPTION**

**3.7.1. DESCRIPTION**

- A. IntraLATA Presubscription is a procedure whereby a Customer designates to the Company the IntraLATA Toll Provider (ITP) which the Customer wishes to be the carrier of choice for intraLATA toll calls. Such calls are automatically directed to the designated carrier without the need to use carrier access codes or additional dialing to direct the calls to the designated carrier. IntraLATA presubscription does not prevent a Customer, who has presubscribed to an IntraLATA toll carrier, from using carrier access codes or additional dialing to direct calls to an alternative intraLATA toll carrier on a per call basis.

Each carrier will have one or more access codes assigned to it for various types of service. When an end user selects a carrier as its preferred intraLATA toll provider, only one access code of that carrier may be incorporated into the switching system of the Company permitting access to that carrier by the end user without dialing an access code. Should the same end user wish to use other services of the same carrier, it will be necessary for the end user to dial the necessary access code(s) to reach that carrier's other service(s).

An ITP must use Feature Group D (FGD) Switched Access Service to qualify as an intraLATA toll provider unless prior arrangements have been made with or by the Company. IntraLATA toll providers must submit an Access Service Request (ASR) prior to the intraLATA toll presubscription conversion date or prior to the date on which the carrier proposes to begin participating in intraLATA toll presubscription, unless prior arrangements have been made with the Company.

Selection of an intraLATA toll provider by an end user is subject to the terms and conditions following.

- B. At the option of the ITP, the nonrecurring charge for a change in intraLATA toll presubscription, as provided here in, may be billed to the ITP, instead of the end user. This may involve charges resulting from end-user initial free choice PIC changes, as specified in Section 3.7.2.A.1 following. This option for the ITP to be billed for the PIC change charge instead of the end user is not available for orders placed directly via the Company's Business Offices.

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.7. INTRALATA TOLL PRESUBSCRIPTION (CONT'D)**

**3.7.2. PRESUBSCRIPTION CHANGE APPLICATION**

- A. Existing end users may exercise an initial free presubscription choice, either by contacting the Company or by contacting the ITP directly. The initial free choice must be made within 90 days following implementation of intraLATA toll presubscription. The charge for the initial free choice change will be billed to the new ITP at the discretion of the Company. End users' choices which constitute exercising the free initial choice are:
1. Designating an ITP as their primary carrier thereby requiring no access code to access that ITP's service. Other carriers are accessed by dialing 10XXX, 101XXXX, or other required codes.
  2. Choosing no carrier as a primary carrier thus requiring 10XXX or 101XXXX code dialing to access all ITPs. This choice can be made directly by contacting the Company. In addition, new end users that do not select a preferred carrier will be assigned a "No-PIC".

Following an existing end user's initial free selection, any subsequent selection made during the first 90 days after presubscription or any change made more than 90 days after presubscription is implemented is subject to a nonrecurring charge as set forth herein.

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.7. INTRALATA TOLL PRESUBSCRIPTION (CONT'D)**

**3.7.2. PRESUBSCRIPTION CHANGE APPLICATION (CONT'D)**

- B. New end users who subscribe to service after the presubscription implementation date (including presubscription Customers who orders an additional line) will be asked to select a primary ITP when they place an order for Company Exchange Service. If a Customer cannot decide upon an intraLATA toll carrier at the time, the Company may extend a 30-day period following completion of the service request to make an intraLATA choice without charge. In the interim, the Customer will be assigned a "No-PIC" and will have to dial an access code to make intraLATA toll calls.

Initial free selections available to new end users are:

1. Designate an ITP as their primary carrier thereby requiring no access code to access that ITP as their primary carrier. Other carriers are accessed by dialing 10XXX, 101XXX or other required codes.
  2. Choose no carrier as a primary carrier thus requiring 10XXX or 101XXX code dialing to access all ITPs. This choice can be made directly by contacting the Company. In addition, new end users that do not select a preferred carrier will be assigned a "No-PIC".
- C. Following an existing end user's initial free selection, any subsequent selection made following implementation of intraLATA toll Presubscription is subject to a nonrecurring charge as set forth herein.
- D. If an ITP elects to discontinue Feature Group D service after implementation of the intraLATA toll presubscription option, the ITP is obligated to contact, in writing, all end users who have selected the canceling ITP as their preferred intraLATA toll provider. The ITP must inform the end users that it is canceling its Feature Group service, request that the end user select a new ITP, and state that the canceling ITP will pay the PIC change charge as provided herein. The ITP must provide written notification to the Company that this activity has taken place.

Following the ITP's discontinuance of service, the Company will bill the canceling ITP the charge for each end user that is currently designated to the ITP at the time of discontinuance.

An unauthorized PIC change is a change in the presubscribed intraLATA toll provider that the end user denies authorizing. PIC disputes for end users are resolved through an investigative process.

---

ISSUED: [July 18, 2002](#)

By:

David Lloyd, Director - Tariffs  
188 Inverness Drive West  
Englewood, Colorado 80112

EFFECTIVE: [July 19, 2002](#)

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.7. INTRALATA TOLL PRESUBSCRIPTION (CONT'D)**

**3.7.2. PRESUBSCRIPTION CHARGE APPLICATION (CONT'D)**

D. (Cont'd.)

If an unauthorized change in intraLATA presubscription occurs, the ITP making the unauthorized change will be assessed a charge for unauthorized change in presubscription as provided in Section 3.7.7.B, following. In addition, the ITP will be assessed the applicable charge for returning the end user to their preferred intraLATA toll provider.

If an unauthorized change in intraLATA toll presubscription occurs at the same time, on the same Business/Residence line, and the presubscribed ITP is the same carrier for intraLATA and interLATA, presubscription change charges as provided herein and the Company's corresponding F.C.C Access Tariff apply. In addition, the ITP will be assessed the applicable charges for returning the end user to their preferred intraLATA toll provider as herein and in the Company's corresponding F.C.C. Tariff.

**3.7.3. EQUAL ACCESS RECOVERY CHARGE**

The Equal Access Recovery Charge is a charge to recover the costs that the Company has directly incurred in connection with the implementation of intraLATA toll presubscription. The Equal Access Recovery Charge is billed to intraLATA toll providers.

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.7. INTRALATA TOLL PRESUBSCRIPTION (CONT'D)**

**3.7.4. END USER CHANGE DISCREPANCY**

When a discrepancy is determined regarding an end user's designation of a preferred intraLATA toll carrier, the following applies depending upon the situation described:

- A. A signed letter of authorization takes precedence over any order other than subsequent, direct Customer contact with the Company.
- B. When two or more orders are received for an end user line generated by telemarketing, the date field of the mechanized record used to transmit PIC change charge as specified herein, which was previously billed to the end user.
- C. If an end user denies requesting a change in intraLATA toll presubscription as submitted by an ITP, and the ITP is unable to produce a letter of authorization, signed by the end user, the ITP will be assessed all applicable change charges. The nonrecurring change charges are provided herein. The ITP will also be assessed the intraLATA toll presubscription change charge as specified herein, which was previously billed to the end user.

**3.7.5. VERIFICATION OF ORDERS FOR TELEMARKETING**

Neither the ITP nor the Company shall submit a PIC change order generated by outbound telemarketing unless and until the order has first been confirmed in accordance with the F.C.C.'s current anti-slamming practices and procedures.

---

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.7. INTRALATA TOLL PRESUBSCRIPTION (CONT'D)**

**3.7.6. PIC SWITCHBACK OPTION-BUSINESS/RESIDENCE**

PIC Switchback is an option under which no investigation activities are performed by the Company when an end user denies requesting a change in primary carrier submitted by the ITP. The ITP participating in PIC Switchback will be billed the PIC Switchback Charge, and the presubscription change charge, as specified herein, to switch the end users to the end user's previous carrier.

When the Company is contacted by an end user who denies requesting a change in ITP primary carrier, the end user will be credited the charge assessed for the disputed change in carrier, and will be switched back to the previous ITP at no charge. If this service is made available by the Company, ITPs may subscribe to or cancel PIC Switchback Service on 30 days notice to the Company by submitting a written request. A letter of authorization from the ITP will not be requested or accepted at a later date in the event of dispute of the charges assessed under the PIC Switchback option.

This option in no way relieves the ITP of the F.C.C. requirements for:

- Verifying all PIC orders obtained by outbound telemarketing prior to submitting those orders, or
- Instituting steps to obtain verification of orders submitted to the Company.

In addition, the end user has the option of initiating a complaint to the F.C.C. or the Public Utility Commission concerning unauthorized changes in carrier.

**SWITCHED ACCESS SERVICES**

**3. SWITCHED ACCESS SERVICE**

**3.7. INTRALATA TOLL PRESUBSCRIPTION (CONT'D)**

**3.7.7. RATES AND CHARGES**

	<u><b>RATE PER LINE</b></u>
A. Change in IntraLATA Toll Presubscription	\$5.00
B. For Unauthorized Business or Residence Service Change in IntraLATA Toll Presubscription	21.50 (D)
C. For Business/Residence PIC Switchback Change in IntraLATA Toll Prescription	5.00
D. Equal Access Recovery Charge	0.00