
A129. OBSOLETE SERVICE OFFERING - DATA TRANSPORT SERVICE

CONTENTS

A129.1	Reserved for Future Use	1	
A129.2	Reserved for Future Use	1	
A129.3	Reserved for Future Use	1	
A129.4	FLEXSERV - Digital Access Cross Connect	1	
A129.4.1	Description of Service	1	
A129.4.2	Explanation of Terms	2	(T)
A129.4.3	<i>Terms and Conditions</i>	3	(T)
A129.4.4	Connections	4	
A129.4.5	Rates and Charges	5	(T)
A129.5	(DELETED)	5	(T)

A129. OBSOLETE SERVICE OFFERING - DATA TRANSPORT SERVICE

A129.1 Reserved for Future Use

A129.2 Reserved for Future Use

A129.3 Reserved for Future Use

A129.4 FLEXSERV - Digital Access Cross Connect

(Obsoleted May 5, 1993, Type 4.) Not available for new installations or transfers of service to new locations. Existing customers paying obsoleted rates and charges will have the option of moving to the new restructured FlexServ service located in Section A32 or continuing with the rates, terms and conditions of the obsoleted FlexServ service as outlined following. Also, existing customers may add to their service but only from this obsoleted tariff.

A129.4.1 Description of Service

A. General

FLEXSERV Service provides customers flexibility in managing and reconfiguring their special service networks. It has the ability to connect a single digital (DSO) circuit, or multiples of up to 24 DSO circuits, from one line to any other line controlled from a customer's location.

FlexServ service is furnished in conjunction with intraLATA communications provided by the Company. A customer may connect his intrastate interLATA communications to FlexServ service. The customer shall be responsible for the ordering of his intrastate interLATA facilities.

B. Customer Circuits

The basic unit of service for FLEXSERV is a single voice frequency (DSO) channel. Service is also provided for full DS1 (1.544 Mbps) digital circuits or synchronous sub-rate digital circuits (2.4, 4.8, or 9.6 Kbps). Customer circuits are made up of two general components - FLEXSERV access lines and inter-digital cross-connect device (DCD) facilities as required. Both may be provided out of the General *Exchange Guidebook*, the Private Line *Guidebook* or other appropriate *Guidebooks*.

C. Network Control

Network control switching capability is accomplished by making appropriate computer processor and certain digital cross-connect device (DCD) assignments accessible in a secured manner to the FLEXSERV customer. Network administration aids are available to assist users in monitoring and utilizing their networks. FLEXSERV requires at least one signaling channel to communicate with the network controller for network management and administrative aids. The signaling channel may be provided using Dial-in or Direct Access facilities. Direct Access Signaling Channels extend from the customer premises to the nearest serving wire center equipped with a Signaling Channel Interface.

D. Maintenance and Operation

Due to the nature of FLEXSERV service it may be necessary to perform preventive and routine maintenance on the system. This maintenance will usually be performed between midnight and 2:00 A.M., Monday through Saturday, and all day Sunday. This will mean that the FLEXSERV controller will be unavailable for circuit reconfiguration during these periods of time. Any circuits which are working will continue in operation, only the reconfiguration capability will not be usable. It may also be necessary to periodically take the FLEXSERV system out of service for software updates and other maintenance. In these cases the customers will be notified in advance as to the time and duration of these outages.

A129. OBSOLETE SERVICE OFFERING - DATA TRANSPORT SERVICE**A129.4 FLEXSERV - Digital Access Cross Connect (Cont'd)**

(T)

A129.4.2 Explanation of Terms**DIAL-IN SERVICE**

When a call is placed to the DCD through the switched network, the call is terminated and the encoded designated number associated with the log-in ID is called back. This security feature ensures that a customer's reconfigurations will not be initiated by unauthorized individuals.

DIGITAL CROSS-CONNECT DEVICE (DCD)

The DCD provides per channel DS0 electronic cross-connection and provides test access for digital signals transmitted at the DS1 rates. It can connect multiples of up to 24 DS0 circuits.

DSO

"DSO" refers to a North American hierarchy of Digital signal levels. It means Digital Signal Level 0 which is a 64 Kbps signal. The customer bit rates are limited to a 56 Kbps signal. The required D4 format is found in BellSouth Technical Reference 73501.

DS1

"DS1" refers to a North American hierarchy of Digital signal levels. It means Digital Signal Level 1 which is a 1.544 Mbps signal. The required D4 format is found in BellSouth Technical Reference 73501.

FLEXSERV ACCESS LINE

(T)

A local circuit between the customer's premises and his serving wire center, plus interoffice facilities to the DCD equipped office if applicable.

NETWORK CONTROLLER (NC)

The Network Controller (NC) performs the end-to-end coordination of each reconfiguration request and compiles network management reports.

SIGNALLING CHANNEL

The physical circuit that will allow end users to enter commands into the FLEXSERV network controller(s).

(T)

SIGNALLING CHANNEL INTERFACE

The Signaling Channel Interface performs the communications interface function between end users and the FLEXSERV network controller(s).

(T)

INTER-DCD CHANNEL

A communication facility between DCD equipped offices.

MULTIPOINT CHANNEL

Any connection which terminates three or more channels on the same bridging port.

(M)

A129. OBSOLETE SERVICE OFFERING - DATA TRANSPORT SERVICE

A129.4 FLEXSERV - Digital Access Cross Connect (Cont'd)

A129.4.3 Terms and Conditions

- A.** The terms, conditions and rates specified herein are in addition to the applicable terms, conditions and rates specified in other Sections.

FLEXSERV is furnished only from serving wire centers equipped with DCD's. This service is provided subject to the availability of appropriate facilities.

The Local and Interoffice Channels are to be provided out of the appropriate General Exchange Guidebook or Private Line Guidebook, and subject to all terms, conditions and charges contained in their respective guidebooks in addition to those contained herein.

The following are the types of Company provided FlexServ Access Lines, Inter-DCD Channels and/or Signaling Channels that a customer, other than an Interexchange Carrier¹, can use to connect to FlexServ Service on an intraLATA basis:

1. Data Transport Access Channel Service - Section A29.2 of the General Exchange Guidebook.
2. SynchroNet² Service - Section **B107.2** of the Private Line Guidebook. (C)
3. 1.544 Megabit per Second (Mbps) Service - Section B7.1 of the Private Line Guidebook.

Intrastate facilities furnished by an Interexchange Carrier (IC) may connect to FlexServ Service. The transmission path between the IC Terminal Location¹ and the DCD equipped Company central office shall be provided from the components of Special Access Service at rates and charges as contained in Section E7 of the Access Service Tariff.

A minimum initial service period of 3 months is required.

Suspension of service is not allowed.

- B.** Application of Rates

For each FLEXSERV network arrangement, a Service Establishment charge and a Service Provisioning charge apply.

A Database Change charge is required when a customer's data base is reinitialized due to a customer location change.

A DCD port charge is required for each channel terminating on a DCD port. For Inter-DCD facilities, a DCD port charge applies.

A multipoint bridge charge is applicable for each conference or polling arrangement which is required. Additionally, each access line channel which can be connected to a bridge will incur charges per channel bridged.

A port charge is required for each Direct Access or Dial-in facility used to access the Network Controller. Dial-in facilities are provided at rates contained in A29.4.5.B.1.(a). Direct Access facilities may be obtained from the appropriate guidebook.

Reconfiguration Charges are applicable for each channel reconfiguration performed by the customer. Charges are also applicable for each reconfiguration request the customer makes to the Company and each transaction the Company performs at the customer's request.

- C.** Allowance for Interruptions

When service is interrupted due to a failure or malfunction in any of the components of the FLEXSERV system and the reconfiguration capability is unavailable, a pro rata adjustment of the FLEXSERV Service monthly charges will be allowed in accordance with the terms and conditions specified in Section A2.

No allowances will be granted for interruptions required to perform preventive or routine maintenance between the time periods indicated in A29.4.1.D, or to perform software updates when the customer is notified at least 24 hours prior to such occurrences.

Note 1: See Section E2.6 of the Access Service Tariff for definition of Interexchange Carrier and IC Terminal Location.

Note 2: Effective June 30, 2021, SynchroNet Service is obsolete. See B107.2 in the Private Line Guidebook for service availability. (N)

A129. OBSOLETE SERVICE OFFERING - DATA TRANSPORT SERVICE

A129.4 FlexServ - Digital Access Cross Connect (Cont'd)

A129.4.4 Connections

A. Cross Connections Allowed

This Guidebook applies to reconfiguring connections between pairs of FlexServ channels only at the DS0 level or 24 consecutive DS0 channels.

On demand, cyclical, and reservation (scheduled) type reconfigurations are supported. Requirements must be input to the NC by the customer to activate reconfigurations.

For a given customer, all services on channels to the DCD(s) may not be compatible. Consequently, certain reconfiguration combinations must be denied. The Company shall not be responsible for service interruptions, troubles, loss of customer data, etc., resulting from invalid reconfiguration attempts. A channel service compatibility list will be provided to customers upon request.

B. DS Format

DS0 and DS1 signals as defined in the Company's technical references may be terminated on FlexServ. Other multiplexing formats must be converted to a standard D4 format as defined in BellSouth Publication 73501.

C. Network Controller Signaling Channel Interfaces

Access to the NC is via Direct Access or Dial-in service. Customers will be advised as to the type of compatible terminals and data sets upon request. All terminal equipment must be provided by the customer.

D. Delays

The NC processes commands in the sequence received. Consequently, on demand reconfigurations may not occur instantaneously during peak load hours.

E. Security

FlexServ employs a multi-level security system to ensure the privacy of customer networks. To access the NC, a customer must enter a log-in ID and a password. Additional security is offered with access to the NC via Direct Access or by a Dial-in arrangement with call back. It is the customer's responsibility to protect his log-in ID and password. A customer can control only those channels assigned to him by the Company.

F. Trouble Reporting

A FlexServ customer may have multiple control terminals. The Company's operations console must have access to the FlexServ database for maintenance and trouble clearing purposes. If the customer reports a trouble and it is determined that the trouble is in the customer premises equipment, a Trouble Location charge will be applicable.

(M)

A129. OBSOLETE SERVICE OFFERING - DATA TRANSPORT SERVICE

A129.4 FlexServ - Digital Access Cross Connect (Cont'd)

A129.4.5 Rates and Charges

	Installation Charge	Monthly Rate	USOC	
A. Basic Service includes customer reconfiguration capability for reservation and/or demand service, multilevel security, database initialization and network administration aids.				(M)
1. FlexServ Basic Service				(M)
(a) Service Establishment Charge, each customer	\$1,935.50	-	SESCCL	(M)
(b) Service provisioning, each customer	184.00	\$ 5.75	FN6DD	(M)
2. DCD port charge, per FlexServ Access Line				
(a) Digital circuit - DS0	20.25	9.20	F1Q	
(b) Digital circuit - DS1	48.50	74.00	F16	
3. DCD port charge, per inter-DCD channel				
(a) Digital circuit - DS0	6.75	18.40	D1Q	
(b) Digital circuit - DS1	89.00	148.00	D1J	
4. Multipoint channel bridge charge				
(a) Per conference port bridge	2.00	21.75	MPW	
(b) Per channel bridged	.97	5.75	MPE	
B. Network Controller Access (Dial Access Service)				
Customers may access the network controller via Dial-in service at the rates below or via direct access, to be obtained from the appropriate guidebook.				
1. Dial Access				
(a) Per Dial Access Line with call-back capability, each	14.50	88.05	D2GDU	
C. Network Controller Signaling Channel Interface				
Customers may access the network controller via Direct Access or Dial-in service, to be obtained from the appropriate guidebook.				
1. Network Controller Access Port				
(a) Per port	52.25	116.15	D2GAP	
D. Reconfiguration Charges				
1. Channel reconfiguration performed by the customer				
(a) Per On Demand channel reconfiguration	2.00	-	WZZYK	

A129.5 (DELETED)

Pages 6 through 13 are hereby deleted in their entirety and removed from this Guidebook