

ACCESS SERVICE

18. State Government Transmission Resource Management Services

This section includes the rates and regulations for the provision of Transmission Resource Management (TRM) services to a state government.

18.1 Service Components and Description

TRM is a bandwidth management service that also provides voice compression and the integration of voice and data at the DS0, DS1, and DS3 level. TRM services interface with the voice grade, digital data and high capacity special access services offered in Sections 7.2.2, 7.2.7 and 7.2.8 preceding.

The individual rate elements offered as a part of TRM service are described following:

- (A) IDNX/20 Node - provides multiplexing capability for up to 15 DS1 access services or 360 DS0 access services.
- (B) IDNX/90 Node - provides multiplexing capability for up to 14 DS1 access services or up to 336 DS0 access services with the potential to expand to support DS3 access services.
- (C) IDNX/90 Expansion Node - provides multiplexing capability for up to 16 DS1 access services, with the potential to expand to support DS3 access services.
- (D) DS1 Internodal Connection - provides a DS1 access interface between two nodes.
- (E) DS1 Port Connection - provides a DS1 access interface between a node and an end user.
- (F) DS3 Internodal Connection - provides a DS3 access interface between two nodes.
- (G) Analog/Voice Grade Connection - provides a 4 wire analog or voice grade access service interface between a node and the end user.

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18. State Government Transmission Resource Management Services (Cont'd)18.1 Service Components and Description (Cont'd)

- (H) Data Service Connection (QASD Module) - provides a digital data interface at rates from 1.2 Kbps to 56.0 Kbps between the node and the end user.
- (I) Data Service Connection (DSOA Module) - provides a digital data interface at rates of 64.0 kbps between the node and the end user.
- (J) Data Service Connection (HSD-2 Module) - provides a digital data interface at rates from 9.6 kbps to 1.344 Mbps between the node and the end user.
- (K) Voice Compression (VC31 Module) - provides compression of up to thirty-one voice channels with no reduction in voice quality.
- (L) Voice Compression (VC62) - provides compression of up to sixty-two voice channels with no reduction in voice quality.
- (M) Packet Routing (PX-2 Module) - provides mutli-protocol routing and bridging for up to eight serial lines which may be mapped to any of the data service interfaces or to other serial lines on other packet routing arrangements.
- (N) Packet Routing (PX Plus Module) - provides multi-protocol routing and bridging for up to eight serial lines which may be mapped to any of the data service interfaces or to other serial lines on other packet routing arrangements. The buffer size is greater for the PX Plus Module than for the PX-2 Module and the PX Plus Module is better utilized in a hubbing arrangement.
- (O) MAC Bridging Software - provides software support for routing and bridging protocols associated with Packet Routing.
- (P) Source Route Bridging Software - provides software support for routing and bridging protocols associated with Packet Routing.

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18. State Government Transmission Resource Management Services (Cont'd)18.1 Service Components and Description (Cont'd)

- (Q) ISO/CLNS Software - provides software support for routing and bridging protocols associated with Packet Routing.
- (R) SDLC Connectivity Software - provides software support for routing and bridging protocols associated with Packet Routing.
- (S) X.25/Frame Relay DTE Software - provides software support for routing and bridging protocols associated with Packet Routing.
- (T) Frame Switching (PX-2 Module) - provides frame switching for up to eight serial lines which may be mapped to any of the data interfaces or to other serial lines on other frame switching arrangements.
- (U) Frame Switching (PX Plus Module) - provides frame switching for up to eight serial lines which may be mapped to any of the data interfaces or to other serial lines on other frame switching arrangements. The buffer size is greater for the PX Plus Module than for the PX-2 Module and the PX Plus Module is better utilized in a hubbing arrangement.
- (V) IDNX/20 Node Monitoring - provides remote electronic monitoring of an IDNX/20 Node to ensure service quality and prompt identification of network difficulties.
- (W) IDNX/70/90 Node Monitoring - provides remote electronic monitoring of an IDNX/70/90 Node to ensure service quality and prompt identification of network difficulties.
- (X) Promina 800 Node – provides multiplexing capability for DS1 or DS3 access. (N)
(N)

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18. State Government Transmission Resource Management Services (Cont'd)18.2 Rate Regulations

The rates and charges for state government TRM services are as set forth in Section 18.3 following, and are in addition to any applicable rates and charges set forth in other sections of this tariff. There are two types of rates and charges that may apply to state government TRM services. These are monthly recurring rates and nonrecurring charges, both of which are billed in advance.

18.2.1 Description and Application of Rates and Charges(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided regardless of the amount of usage. For billing purposes, each month is considered to have 30 days.

(B) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). Nonrecurring charges may apply to each state government TRM component installed.

18.2.2 Moves

A move involves a change in the physical location of the state government TRM component. Moves will be treated as a discontinuance and start of service, and all associated nonrecurring charges will apply. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

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18. State Government Transmission Resource Management Services (Cont')18.3 Rates and ChargesAPPLICABLE ONLY TO CUSTOMERS IN THE STATE OF MISSOURI

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) IDNX/20 Node	\$1,063.00	\$1,700.00
(B) IDNX/90 Node	\$3,201.00	\$3,465.00
(C) IDNX/90 Node Expansion	\$1,195.00	\$1,855.00
(D) DS1 Internodal Connection	\$234.00	NONE
(E) DS1 Port Connection	\$114.00	NONE
(F) DS3 Internodal Connection	\$1,436.00	\$1,614.00
(G) Analog/Voice Grade Connection	\$68.00	NONE
(H) Data Service Connection QASD Module	\$71.00	NONE
(I) Data Service Connection DSOA Module	\$79.00	NONE
(J) Data Service Connection HSD-2 Module	\$83.00	NONE
(K) Voice Compression VC31 Module	\$261.00	NONE
(L) Voice Compression VC62 Module	\$477.00	NONE

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18. State Government Transmission Resource Management Services (Cont')18.3 Rates and Charges (Cont'd)APPLICABLE ONLY TO CUSTOMERS IN THE STATE OF MISSOURI

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(M) Packet Routing PX-2 Module	\$333.00	\$250.00
(N) Packet Routing PX-Plus Module	\$422.00	\$250.00
(O) MAC Bridging Software	\$35.00	NONE
(P) Source Route Bridging Software	\$35.00	NONE
(Q) ISO/CLNS Software	\$35.00	NONE
(R) SDLC Connectivity Software	\$35.00	NONE
(S) X.25/Frame Relay DTE Software	\$102.00	NONE
(T) Frame Switching PX-2 Module	\$366.00	\$250.00
(U) Frame Switching PX-Plus Module	\$449.00	\$250.00
(V) IDNX/20 Node Monitoring	\$300.00	NONE
(W) IDNX/70/90 Node Monitoring	\$1,200.00	NONE
(X) Promina 800 Node	\$6,698.00	NONE (N)

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