

ITEM **Megalink™ Service**
110.38

Note: The business service elements of this item are forborne from regulation in certain exchanges, as identified in Item 100.23.

1. Service Description

Megalink is a central office-based service that digitally transmits data between SaskTel’s serving wire centre and ISDN-compatible terminal equipment located at the customer’s premises. The service is based on the ISDN Primary Rate Interface (PRI) Standard developed by the International Telegraph and Telephone Consultative Committee (CCITT).

Megalink consists of:

- a minimum of 23 data or voice carrying channels that operate at 64 Kbps (called B channels), and
- one data channel that operates at a rate of 64 Kbps (called a D channel) for controlling the B channels.

Component	Description
Access	<p>Megalink PRI Access is a digital local loop from the customer’s premises to the serving wire centre. Megalink PRI Access is available at a DS-1 bit rate in the Regina, Saskatoon, and Prince Albert exchanges ONLY.</p> <p>Each DS-1 will be one of the following types of access:</p> <ul style="list-style-type: none"> • <i>Initial access</i> - provided as DS-1 access configured as 23 B channels, plus one D channel. • <i>Additional DS-1 access</i> - configured as 24 B channels or 23 B channels plus one D channel, depending on whether the customer equipment requires single D channel control or multi D channel control. The maximum number of B channels controlled by a single D channel is 431 or 18 DS-1 channels. <p>The initial and additional DS-1 accesses make up a Megalink System Group. Back-up D channels are available.</p> <p>Definition: Megalink System Group is a group of B channels served by the same switch operating together as one large system terminating at the same address and billed to a single telephone number.</p>

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ITEM **Megalink Service – Continued**
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1. Service Description – Continued

The following optional features are available for an additional charge:

Feature	Description
Back-up D Channel	A Back-up D Channel supports the primary D channel in a normal Megalink configuration. If the primary D Channel's circuit is interrupted, the Back-up D Channel will continue operating for all or a portion of the B channels and will maintain the link to the ISDN equipped serving wire centre.
Calling Line Identification	Displays the telephone number of incoming calls from outside the customer group. Available only on electronic business sets with display.
Calling Name Identification	Displays the name of incoming callers from outside the customer group. Customers who subscribe to Calling Name Identification must also subscribe to Calling Line Identification. Available only on electronic business sets with display.
Inward Route Labeller (IRL)	Assigns a customer defined call type and service identifier to each call terminating on any set of dialable terminating numbers. Digit manipulation can also be performed on the called number. Two IRL's are provided at no charge.

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9. The customer is solely responsible for the installation, operation and maintenance of customer provided terminal equipment.
10. For the provision of Megalink PRI Access - DS-1, wire centres in SaskTel territory are categorized according to bands depicting serving area. The exchanges of Regina and Saskatoon shall be classified as Band 2 serving areas. All other locations in Saskatchewan, where the service is available, shall be classified as Band 3 serving areas. C
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11. Customer terminal equipment attached to SaskTel's network must be certified or connected through a certified network protection device in accordance with SaskTel's Terminal Attachment Standards.
12. If the customer is located outside the base rate boundary or island base rate boundary of an exchange area, an extra construction charge will apply in addition to the service charges listed in this item. Refer to the item on Extended Data Access Charge.
13. The calculation of Megalink PRI Access - DS-1 access quantity discounts is subject to the following conditions. All Megalink PRI Access - DS-1 accesses must: C
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 - (a) be billed on the same account (Billing Telephone Number (BTN)),
 - (b) be part of the same Minimum Contract Period (MCP) commitment (i.e., same agreement and same term, and
 - (c) terminate at the same customer premises.
14. If the customer terminates a contract or a portion of a contract for Megalink PRI Access - DS-1 Service prior to the expiry date of the contract term, termination charges equal to one half of the remaining charges for such Megalink PRI Access - DS-1 Service for the unexpired part of the contract will be payable in a single payment at the termination of the contract. C
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2. Conditions of Service

15. Termination charges for Megalink PRI Access - DS-1 service will be reduced or waived if the customer re-contracts for another access service within SaskTel's operating territory. C

- (a) If the committed revenues under the new contract(s) are equal to or greater than those remaining under the original contract(s), the termination charges for the original contract(s) will be waived.
- (b) If the committed revenues under the new contract(s) are less than those remaining under the original contract(s), the termination charges for the original contract(s) will be reduced by half the committed revenues under the new contract(s).

3. Rates

The Customer shall pay to SaskTel the following rates and charges for Megalink Service. Such rates and charges are in addition to any other rates and charges that may be applicable.

The following rates and charges apply for *initial* or *additional access*:

Competitors refer to SaskTel Competitor Access Tariff on Competitor Digital Network (CDN) Services. F
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3. Rates – Continued

1. Megalink PRI Access – DS-1

(a) Megalink PRI Access – DS-1, each customer, each location (**Note 1**)

Band	Quantity of DS-1s	Monthly Rate					Service Charges Each DS-1	
		Non-Contracted	Minimum Contract Period				Non-Contracted	Contracted
			1 Year	2 Years (Note 3)	3 Years	5 years		
2	Initial 4, each (Note 2)	510.00	280.00	270.00	255.00	235.00	1400.00	700.00
	Over 4, each	510.00	160.00	155.00	145.00	120.00	1400.00	700.00
3	Initial 4, each (Note 2)	600.00	330.00	315.00	305.00	285.00	1400.00	700.00
	Over 4, each	600.00	190.00	180.00	170.00	145.00	1400.00	700.00

Note 1: Customers located in non-serving areas pay the rates of Band 3, in addition to the expense incurred to subscribe to DS-1 access.

Note 2: Applies to the initial 28 DS-1’s only.

Note 3: Megalink PRI Access is no longer available on a 2 year contract period for new customers. The contract rates for 2 years will continue to apply for existing customers on an active 2 year agreement.

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ITEM **Megalink Service – Continued**
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3. Rates – Continued

The following rates and charges apply for *optional features*:

Equipment	Monthly Rental	Service Charge
Back-up D channel, each	\$25.00	\$100.00
Inward Route Labeller • first 2 labellers (each)	N/A	N/A
• additional labellers (each)	\$20.00	\$100.00
Overflow/Reroute	\$10.00	\$50.00
Route Traffic Manager • first 2 inward RTM's	N/A	N/A
• first 2 outward RTM's	N/A	N/A
• additional RTM's (inward or outward) (each)	\$50.00	\$150.00
Release Line Trunking	\$150.00**	\$250.00**

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** Per Megalink.

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3. Rates – Continued

The following rates and charges apply for *links* to other services:

To Link to...	Monthly Rental	Service Charge
Toll service (per B channel)	\$5.00	\$50.00
Toll-free service (per Toll-free number)	8.00	
Type A Link Connection (per B channel)	8.00	
Centrex (per B channel)	35.00	

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The following *other charges* may apply:

For...	The charge* is...
Translations	\$250.00

- applies once per system group per customer order when a customer requests a change to their existing Megalink system group.

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3. Rates – Continued

The Customer shall pay to SaskTel the following rates and charges for Megalink service. Such rates and charges are in addition to any other rates and charges that may be applicable.

For...	Minimum Rate	Monthly Rental	Maximum Rate	Service Charge
PSTN Termination and ISDN Signaling, per DS-1 Access	#	\$150.00	#	\$830.00 (Note 4)
PSTN Connectivity, per B channel	#	\$15.00	#	N/A
Calling Name Identification (per incoming connectivity)	#	\$0.00	#	\$100.00 (Note 5)
Calling Line Identification (per incoming connectivity)	#	\$0.00	#	\$100.00 (Note 5)

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Note 4: This service charge applies for the first D channel. Additional D channels per Megalink System Group are \$320.00 each.

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Note 5: This charge applies once per Megalink System Group.

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