ITEM   **IP Trunking Service**
500.23

1. **Service Description**

SaskTel IP Trunking is an Internet Protocol (IP) based voice access service that
allows customers to place Voice over IP (VoIP) calls over a virtual private
network (VPN). IP Trunking also manages voice traffic coming in from, and
going out to, the public switched telephone network (PSTN).   C

IP Trunking is designed to connect to IP-enabled customer premise equipment
(CPE) such as PBX. IP Trunking uses session initiation protocol (SIP) to
connect, manage, and disconnect "logical" voice circuits between the Central
Office and CPE or between CPE at different locations.

Component	Description
IP Trunks	SIP-based voice trunks
PSTN Termination	Provides the connection between the IP based access facility and the Public Switched Telephone Network (PSTN) as well as the required call processing for each of the trunks in the IP Trunking System group.
PSTN Connectivity	Provides central office equipment required to connect each voice trunk with local exchange or inter-exchange services.
Inbound/Outbound Calling Line Identification	Displays the telephone number of incoming calls from outside the customer group. Available only on electric business sets with display.
Inbound/Outbound Calling Name Identification	Displays the name of incoming callers from outside the customer group. Available only on electric business sets with display.
Direct In Dial	One "primary" telephone number is included with the service. If a customer requires additional telephone numbers, SaskTel will provide Direct-In-Dial (DID) numbers – see Item 110.32 Direct-In-Dial Service.

F   D
| |
| |
| |

ITEM
500.23

IP Trunking Service *– Continued*

1. **Service Description** *– Continued*

The following features can be added on for a charge:

Feature	Description	
		D
Route Traffic Manager (RTM)	Limits the number of simultaneous calls. There are two types of Route Traffic Managers: *Inward* - limits the number of calls within the CO switch by choking certain categories of calls before they reach the IP Trunking System group. *Outward* - limits the number of calls to either a PSTN connection or certain toll plans.	
Overflow	Redirects calls from an RTM to another destination as defined by the customer. Overflow redirects calls within the same serving CO switch.	C D
IP Trunking Access	An IP network access engineered to carry and prioritize voice traffic.	
Emergency Call Redirection	Redirects voice-traffic from the customer's primary business location to a predetermined alternate business location in the event of an emergency and only upon the customer's request at the time of an emergency. See Item 140.10 Emergency Voice Local Network Access Redirection	

ITEM   **IP Trunking Service** *– Continued*
500.23

2. Conditions of Service

1. SaskTel IP Trunking is furnished on a monthly rental basis or on a 3 or 5 year   C
contracted period. |

2. The terms, conditions, and rates associated with IP Trunking are subject to change   N
and any changes become effective on the date authorized by the CRTC. |

3. When it is necessary for SaskTel to install special equipment or to incur an   F
unusual expense to meet specific customer requirements, the customer shall pay
an additional charge to SaskTel on a time and materials charges basis.

4. The customer is solely responsible for the installation, operation and maintenance   F
of customer provided terminal equipment.

5. The customer is solely responsible for voice traffic over its local area network   F
(LAN).

6. The service will only be available where there are proper SaskTel facilities, in   F
exchange areas as determined by SaskTel and where there is a Customer Data   C
Network available that meets the bandwidth or other network performance |
requirements as determined from time to time by SaskTel.

7. The customer may acquire its Customer Data Network from any supplier of their   C   F
choice, but it must meet SaskTel requirements. |

8. As a condition of receiving the service, the suitability of the Customer's Data   C   F
Network must be assessed. Such assessment must be done by SaskTel at a charge |
to the customer using SaskTel's then current rates. |

9. In terms of IP Access to the Central Office, sufficient bandwidth is based on the   F
total number of concurrent calls the customer requires.   C
D

ITEM   **IP Trunking Service** *– Continued*
500.23

2. **Conditions of Service** *– Continued*

10. 9-1-1 service is available in a non-standard way with SaskTel IP Trunking
service. The caller's location and telephone number are not automatically
transmitted with the 9-1-1 call. The caller must orally provide the information to
the operator answering the call. For calls made from within Canada, an operator
will answer the 9-1-1 call, request the caller's telephone number, location and
emergency service required and route the call to the public safety answering point
serving the location provided by the caller. If the 9-1-1 caller cannot
communicate his or her location or when a 9-1-1 call is disconnected before the
9-1-1 caller's location can be determined, and the operator cannot re-establish
contact with the caller, SaskTel will use the registered service address to route the
call to the appropriate Public Safety Answering Point.

11. 9-1-1 calls made from locations outside of Canada cannot be completed by the
operator. The caller will be told to use an alternate service to place the emergency
call.

12. 9-1-1 calling via SaskTel IP Trunking service is provided subject to the
availability of 9-1-1 service at the customer's physical location. SaskTel IP
Trunking service, including 9-1-1 dialing, may not function in the event of a
power failure or Internet service provider service outage or if the account has
been suspended or terminated for non-payment or other permitted reasons.

13. The customer must inform all end-users and potential end-users of the service of
the nature and limitations of the 9-1-1 service in accordance with the regulatory
requirements set out in Telecom Decision CRTC 2005-61, *Follow-up to
Emergency service obligations for local VoIP service providers* and Decision
2005-21, *Customer notification requirements.*

14. Service charges ordinarily applicable for service address changes will not be
charged as they are required to update the 9-1-1 service address database.

15. The customer is obliged to provide a central point of contact to SaskTel in the
event that troubleshooting of the IP Trunking service is required.

F

ITEM
500.23

IP Trunking Service *– Continued*

2. Conditions of Service *– Continued*

16. The customer is obliged to have unique voice and data subnets (i.e. IP addresses) in the event that troubleshooting of the IP Trunking service is required.

17. A reseller of SaskTel IP Trunking service shall make all reasonable efforts to ensure that subscribers and end-users of the service do not employ the call transfer feature to transmit telemarketing telecommunications.

18. The customer may terminate up to 10% of the total number of trunks contracted for at any point during the term without the payment of termination charges. If the customer terminates more than 10% of contracted trunks prior to the expiry date of the contract term, termination charges equal to one half of the remaining charges for the unexpired part of the contract will be payable in a single payment at the termination of the contract.

19. Upon expiration of the 3- or 5-year contract if no new contract is agreed to the customer will be billed month-to-month.

F

N
|
C

C

M
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|

M^2
|
|
|
|

M

N
|

M – Moved to page 100
M^2 – Moved to page 101

ITEM   **IP Trunking Service** *– Continued*
500.23

3. Rates

1. IP Trunking Service

Term	Rate per Trunk (Note 1)		Implementation Charge per Location (Note 2)		Add/Move/Change To Existing Trunk - Charge Per Location
	Min	Max	Min	Max	
Monthly Rental	#	$32	#	$500	$150
3 Year Contract	#	$32			
5 Year Contract	#	$32			

2. Add-ons

Feature	Monthly Charge	Service Charge per Trunk Group	
		Min	**Max**
Route Traffic Manager (RTM)	$0	#	$150
Overflow	$0	#	$150

D
|
|

C

 # Filed in Confidence with the Commission

ITEM
500.23

IP Trunking Service *– Continued*   N

3. Rates *– Continued*

3. IP Trunking Access Fees

Access fees do not apply if the Customer employs compatible IP network access that meets SaskTel's bandwidth or other network performance requirements and is purchased outside of SaskTel's IP Trunking service.

Monthly Rental per Access		Implementation Charge per Location (Note 2)		Add / Change To Existing IP Trunking Access Service Charge	
Min	Max	Min	Max	Min	Max
#	$150	#	$500	#	$500

Notes:

Note 1: Local Access Rates displayed on the Customer's bill include $0.15 for   N
SaskTel Relay Service (refer to Item 160.15 Message Relay Service).

Note 2: Implementation Charge applies to initial implementation and/or move to a   F
different premise (move from one building to another building).

 # Filed in Confidence with the Commission   N