

July 6, 2018

**TARIFF UPDATE**

**Northwestel Inc. Tariff Notice 1019/1019A**  
**V-Connect Service**

**NOTE: Effective date – May 24, 2018**

This tariff application was submitted to revise Special Services Tariff CRTC 3003 Item 1110, Private Wire Services, V-Connect Services, to adjust the maximum routes to 4,500 routes reflecting the actual maximum limitation on current equipment.

The CRTC has approved this tariff on a **final** basis in Telecom Order CRTC 2018-229. The Commission also ratified the charging of the rates for the period from December 1, 2017 to May 24, 2018.

| <b>Tariff</b> | <b>Description</b>               |
|---------------|----------------------------------|
| CRTC 3003     | 2 <sup>nd</sup> Revised page 168 |
| CRTC 3003     | 1 <sup>st</sup> Revised page 170 |

**PRIVATE WIRE SERVICE**  
**DATA NETWORK SERVICE**

**Item**  
**1110 V-CONNECT SERVICE**

**A. Service Description**

The V-Connect Service (the “service”) is a terrestrial Layer 3 IP-VPN WAN solution with Class of Service (CoS) options available in most of Northwestel’s (the “Company”) terrestrial rate centres.

The service will provide customers with point-to-multipoint layer 3 connectivity between the Company’s rate centres in the North, and to southern locations operated and managed by other communications organizations through Network-to-Network Interconnection (NNI) agreement(s).

The customer must have a minimum of two sites in order to set up the service. At each site, the customer must first subscribe to the Basic CoS bandwidth, then they may purchase other CoS options. For each site, the customer can designate a portion of the Basic CoS bandwidth at either 64 Kbps or 1Mbps increments as Enhanced CoS bandwidth, Premium CoS bandwidth and Platinum CoS bandwidth.

Note: The aggregate of Enhanced, Premium and Platinum CoS bandwidth cannot exceed forty percent (40%) of the Basic CoS bandwidth per IP-VPN Service (i.e., per site).

At each IP-VPN point of presence, the service is offered over one (1) 10/100/1000 Mbps physical Ethernet port at the demarcation point. The Maximum Transmission Unit (MTU) is 1,500 bytes.

For sites with bandwidth below ten (10) Mbps, the service supports up to five (5) VRF instances per IP-VPN point of presence. For sites with bandwidth of ten (10) Mbps and above, the service supports up to ten (10) VRF instances per IP-VPN point of presence. Each VRF is provisioned over a dedicated VLAN between the Customer’s premises and the Company’s rate centre. The sum of routes from all VRF at each IP-VPN point of presence cannot exceed 4,500.

(C)

**B. Definitions**

For the purpose of this tariff item:

Company refers to Northwestel.

IP-VPN refers to Internet Protocol Virtual Private Network.

LAN refers to Local Area Network.

Port refers to a customer-facing interface in the terminating equipment through which data is physically transmitted.

Service refers to the V-Connect Service.

**PRIVATE WIRE SERVICE**  
**DATA NETWORK SERVICE**

**Item**  
**1110 V-CONNECT SERVICE (Cont'd)**

**C. Conditions of Service (cont'd)**

8. When it is necessary to install special equipment or to incur an unusual expense to establish a service connection, the customer shall pay an additional charge based on time and materials, in accordance with General Tariff, CRTC 3001, Item 305.
9. Customer equipment attached to the Company's facilities must be in accordance with Northwestel's Connection of Customer-provided Equipment Tariff, CRTC 3001, Items 1301, 1302 and 1303.
10. In all rate centres, the service is not assured if total cable distance exceeds 5,000 meters as measured from the serving central office to the customer premises. It is at the sole discretion of Northwestel to offer the service outside the 5 Km limit (cable distance). Additional distance charges will be applied in accordance with Private Wire Services Tariff, CRTC 3003, Item 1118.
11. Notwithstanding Section 9 above, if suitable access facilities required for the service are not available, additional charges will apply in accordance with Private Wire Services Tariff, CRTC 3003, Item 1118.
12. The service supports a maximum 4,500 routes per IP-VPN point of presence. Upon receiving a maximum-prefix alert message that the 4,500 routes threshold has been exceeded, Northwestel will notify the customer. If the customer does not reduce the number of routes to below the maximum within fifteen (15) business days, Northwestel will suppress all specific routes and generate a default route for the customer. (C)  
(C)
13. Month to month contracts may be terminated by the customer with 30 days notice. For longer term contracts, in the event of termination by the customer of all or part of a V-Connect arrangement prior to the expiry of the contracted service period, the customer shall pay to the Company all charges due for services furnished plus a termination charge equal to 50% of the V-Connect charges applicable to the unexpired portion of the contract period.  
  
Termination will be reduced or waived if the customer contracts for another V-Connect service as follows:
  - 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; or
  - 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).
14. After the expiry of the initial term, this Agreement shall continue on a month-to-month basis at the then current monthly rate charged by Northwestel for the Services, unless terminated by either party by giving 30 days written notice.
15. If the CRTC forbears from rate regulation of V-Connect services or a portion of the service, and if the customer is on a month-to-month contract basis, then Northwestel may cancel the service by giving 30 days notice for the forborne portion. If the customer is on a term contract then the terms and conditions apply to the end of that time period as contracted for.

For explanation of symbols see Page 1

Issued: 9 May 2018

Interim approval in Telecom Order CRTC 2018-186, 24 May 2018

Final approval in Telecom Order CRTC 2018-229, 6 July 2018

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