

**Voice over Internet Protocol (VoIP) Amendment  
to the Interconnection Agreement between  
Qwest Corporation  
and  
Neutral Tandem, Inc.  
for the State of Washington**

This is an Amendment ("Amendment") to the Interconnection Agreement between Qwest Corporation ("Qwest"), a Colorado corporation, and Neutral Tandem, Inc. ("CLEC"). Qwest and CLEC shall be known jointly as the "Parties".

**RECITALS**

WHEREAS, Qwest and CLEC entered into an Interconnection Agreement ("Agreement") for service in the state of Washington that was approved by the Washington Utilities and Transportation Commission ("Commission") on January 26, 2005 as referenced in Docket No. UT-053001; and

WHEREAS, the Parties wish to amend the Agreement further under the terms and conditions contained herein.

**AGREEMENT**

NOW THEREFORE, in consideration of the mutual terms, covenants and conditions contained in this Amendment and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

**Amendment Terms**

The Agreement is hereby amended by adding the terms and conditions for Voice over Internet Protocol ("VoIP"), as set forth in Attachment 1 to this Amendment, attached hereto and incorporated herein by this reference. The Sections identified in Attachment 1 have been modified, replaced entirely or are new additions to the Agreement.

**Effective Date**

This Amendment shall be deemed effective upon approval by the Commission; however, the Parties may agree to implement the provisions of this Amendment upon execution. To accommodate this need, CLEC must generate, if necessary, an updated Customer Questionnaire. In addition to the Questionnaire, all system updates will need to be completed by Qwest. CLEC will be notified when all system changes have been made. Actual order processing may begin once these requirements have been met. Additionally, Qwest shall implement any necessary billing changes within two (2) billing cycles after the latest execution date of this Amendment, with a true-up back to the latest execution date of this Amendment by the end of the second billing cycle. The Parties agree that so long as Qwest implements the billing changes and the true-up as set forth above, the CLEC's bills shall be deemed accurate and adjusted without error.

**Further Amendments**

Except as modified herein, the provisions of the Agreement shall remain in full force and effect. The provisions of this Amendment, including the provisions of this sentence, may not be amended, modified or supplemented, and waivers or consents to departures from the provisions of this Amendment may not be given without the written consent thereto by both Parties' authorized representative. No waiver by any Party of any default, misrepresentation, or breach of warranty or covenant hereunder, whether intentional or not, will be deemed to extend to any prior or subsequent default, misrepresentation, or breach of warranty or covenant hereunder or affect in any way any rights arising by virtue of any prior or subsequent such occurrence.

**Entire Agreement**

The Agreement as amended (including the documents referred to herein) constitutes the full and entire understanding and agreement between the Parties with regard to the subjects of the Agreement as amended and supersedes any prior understandings, agreements, or representations by or between the Parties, written or oral, to the extent they relate in any way to the subjects of the Agreement as amended.

The Parties intending to be legally bound have executed this Amendment as of the dates set forth below, in multiple counterparts, each of which is deemed an original, but all of which shall constitute one and the same instrument.

**Neutral Tandem, Inc.**

David Tatak

Signature

DAVID TATAK

Name Printed/Typed

VP BILLING & REVENUE SVCS

Title

9/26/07

Date

**Qwest Corporation**

L. T. Christensen

Signature

L. T. Christensen

Name Printed/Typed

Director - Interconnection Agreements

Title

9/27/07

Date

## ATTACHMENT 1

### Qwest's Voice over Internet Protocol (VoIP) Amendment

**NOTE: The following Sections have been modified, replaced entirely or are new additions to the Agreement.**

#### Section 4.0 - DEFINITIONS

"Interconnection" is as described in the Act and refers to the connection between networks for the purpose of transmission and routing of telephone Exchange Service traffic, Exchange Access, ISP-Bound traffic, VoIP traffic, and Jointly Provided Switched Access traffic.

"VoIP" (Voice over Internet Protocol) traffic is traffic that originates in Internet Protocol at the end user customer premises using IP-Telephone handsets, end-user customer premises Internet Protocol (IP) adapters, CPE-based Internet Protocol Telephone (IPT) Management "plug and play" hardware, IPT application management and monitoring hardware or such similar equipment and is transmitted over a broadband connection to the VoIP provider. VoIP is treated as an Information Service, and is subject to interconnection and compensation rules and treatment accordingly under this Agreement based on the supposition that the VoIP Provider Point of Presence ("POP") is an end user premise.

7.1.1.2 CLEC is permitted to utilize LIS trunks to terminate VoIP traffic under this Agreement only pursuant to the same rules that apply to traffic from all other end users, including the requirement that the VoIP Provider POP must be in the same local calling area as the called party. CLEC may not use LIS trunks solely to exchange VoIP traffic. CLEC agrees to allow Qwest to conduct operational verification audits of those network elements controlled by CLEC and to work cooperatively with Qwest to conduct an operational verification audit of any other provider that CLEC used to originate, route and transport VoIP traffic that is delivered to Qwest, as well as to make available any supporting documentation and records in order to ensure CLEC's compliance with this definition. Qwest shall have the right to redefine this traffic as Switched Access in the event of an "operational verification audit failure". An "operational verification audit failure" is defined as: (a) Qwest's inability to conduct a post-provisioning operational verification audit due to insufficient cooperation by CLEC or CLEC's other providers, or (b) a determination by Qwest in a post-provisioning operational verification audit that the CLEC or CLEC's end-user customers are not originating calls in a manner consistent with this definition.

7.1.1.3 Prior to using Local Interconnection Service trunks to terminate VoIP traffic, CLEC certifies that the (a) types of equipment VoIP end-users will use are consistent with the origination of VoIP calls as defined in Section 4 of this Agreement, and (b) types of configurations that VoIP end-users will use to originate calls using IP technology are consistent with the configuration as defined in Section 4 of this Agreement.

- 7.2.2.9.3.1 Exchange Service (EAS/Local), ISP-Bound Traffic, VoIP traffic, Exchange Access (IntraLATA Toll carried solely by Local Exchange Carriers), and Jointly Provided Switched Access (InterLATA and IntraLATA Toll involving a third party IXC) may be combined in a single LIS trunk group or transmitted on separate LIS trunk groups.

**7.3.4 Exchange Service (EAS/Local), ISP-Bound and VoIP Traffic**

- 7.3.4.1 CLEC and Qwest will exchange Exchange Service (EAS/Local), ISP-Bound and VoIP traffic on a Bill and Keep basis.
- 7.3.4.2 Intentionally Left Blank.
- 7.3.4.3 Intentionally Left Blank.
- 7.3.4.4 Intentionally Left Blank.
- 7.3.6.1 Intercarrier compensation for ISP-bound traffic exchanged between Qwest and CLEC will be Bill and Keep.