

CARRIER-TO-CARRIER AGREEMENT CHECKLIST

INSTRUCTIONS: Please complete all applicable parts of this form and submit it with related materials when filing a carrier-to-carrier agreement pursuant to 47 U.S.C. 252 and OAR 860-016-0000 et al. The Commission will utilize the information contained in this form to determine how to process the filing. **Unless you request otherwise in writing, the Commission will serve all documents related to the review of this agreement electronically to the e-mail addresses listed below.**

1. PARTIES	<i>Competitive Carrier</i>	<i>Incumbent Local Exchange Carrier</i>
Name of Party:	X5Solutions, Inc.	Qwest Corporation
Contact for Processing Questions:		
Name:	Nate Bledsoe	Carla Butler
Telephone:	(206) 973-5800	(503) 242-5420
E-mail:	nbledsoe@x5solutions.com	carla.butler@qwest.com
Contact for Legal Questions (if different):		
Name:		
Telephone:		
E-mail:		
Other Persons wanting E-mail service of documents (if any):		
Name:	Richard Reynolds	Steve Dea
E-mail:	rreynolds@x5solutions.com	intagree*qwest.com~

2. TYPE OF FILING NOTE: Parties making multiple requests (such as seeking to adopt a previously approved agreement and Commission approval of new negotiated amendments to that agreement) should submit a separate checklist for each requested action.

Adoption: Adopts existing carrier-to-carrier agreement approved by the Commission.

- Docket ARB
- Parties to prior agreement &

New Agreement: Seeks approval of new negotiated agreement.

Does adoption or agreement replace an existing agreement between the parties?

- NO
- YES, Docket ARB

Amendment: Amends an existing carrier-to-carrier agreement.

Docket ARB

**Voice over Internet Protocol (VoIP) Amendment
to the Interconnection Agreement between
Qwest Corporation
and
X5Solutions, Inc.
for the State of Oregon**

This is an Amendment ("Amendment") to the Interconnection Agreement between Qwest Corporation ("Qwest"), a Colorado corporation, and X5Solutions, Inc. ("CLEC"). CLEC and Qwest shall be known jointly as the "Parties".

RECITALS

WHEREAS, CLEC and Qwest entered into an Interconnection Agreement ("Agreement") for service in the state of Oregon which was approved by the Public Utility Commission of Oregon ("Commission"); and

WHEREAS, the Parties dispute terms, conditions and application and interpretation of existing rules regarding the exchange of traffic commonly referred to as "VoIP traffic" and desire to exchange VoIP traffic pending the outcome of a decision by the applicable State Commission or the Federal Communications Commission ("FCC") regarding the definition of VoIP Traffic and the appropriate intercarrier compensation to apply to VoIP Traffic; and

WHEREAS, to address the dispute regarding the exchange of VoIP Traffic without either Party waiving rights to advocate the position and seek appropriate remedies, and to allow the network configuration specified below to be installed and/or maintained so that traffic can be exchanged, the Parties have agreed to the following terms and conditions.

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 terms, conditions and rates for the exchange of Voice over Internet Protocol ("VoIP") traffic as defined and 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.

X5Solutions, Inc.

DocuSigned by:
Nathan Bledsoe
Signature 48B0341F3FB247A...
Nathan Bledsoe
Name Printed/Typed
COO
Title
6/27/2011
Date

Qwest Corporation

05E9FC68BD57454...
L T Christensen
Signature DocuSigned By: L T Christensen
L. T. Christensen
Name Printed/Typed
Director – Interconnection Agreements
Title
6/27/2011
Date

ATTACHMENT 1

Qwest's Voice over Internet Protocol (VoIP)

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 requirement that the VoIP Provider Point of Presence ("POP") is an end user premise under Applicable Law.

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 CLEC and any other provider or Customer of CLEC involved in the origination, routing and transportation of 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 and network requirements. 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 and/or Customer(s), 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, (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, and c) IP-originated calls delivered to IXCs as originating FGD calls are not included in the traffic terminated to Qwest pursuant to this Agreement. CLEC will initially use the Charge Number (CN) field of the SS7 call stream to identify the VoIP Provider POP that is

used by CLEC to send the VoIP traffic to Qwest for termination and is local to the called party's number to ensure that Qwest's billing systems will properly rate the calls as local calls. The parties will also subsequently use any mandatory industry standards to identify VoIP traffic.

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.

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7.3.4.4 Intentionally Left Blank.

7.3.6. Intentionally Left Blank

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