

**Carrier Partner for Interconnected VoIP Provider Amendment
to the Interconnection Agreement between
United Telephone Company of Ohio d/b/a CenturyLink
and
Neutral Tandem-Michigan, LLC
for the State of Ohio**

This Carrier Partner for Interconnected VoIP Provider Amendment (the "Amendment") is to the Interconnection Agreement between United Telephone Company of Ohio d/b/a CenturyLink ("CenturyLink"), and Neutral Tandem-Michigan, LLC ("CLEC"). CenturyLink and CLEC shall be known jointly as the "Parties".

RECITALS

WHEREAS, CenturyLink and CLEC entered into an Interconnection Agreement ("Agreement") for service in the state of Ohio which was executed by the Parties on March 01, 2007, which, among other terms, required each party to provide for the exchange of Exchange Service (EAS/Local), IntraLATA LEC Toll, Transit, VoIP-PSTN Traffic and Jointly Provided Switched Access traffic; and

WHEREAS, CLEC wishes to act as a Carrier Partner for an Interconnected VoIP Provider, which obtains their own number resources pursuant to FCC Report and Order 15-70 ("VoIP Numbering Order"), released June 22, 2015. CLEC will provide a switch for its use and seeks to combine CLEC's traffic with Interconnected VoIP Provider's VoIP-PSTN Traffic and exchange such traffic with CenturyLink according to the terms of this "Carrier Partner for Interconnected VoIP Provider Amendment" (the "Carrier Partner Amendment"), subject to limitations and requirements of the Local Exchange Routing Guide ("LERG") and other applicable requirements, including but not limited to the Agreement and the Amendment; and

WHEREAS, the Parties have amended the Agreement in response to the Order that the Federal Communications Commission issued in Docket No. 01-92, *In the Matter of Developing a Unified Intercarrier Compensation Regime*, effective December 29, 2011; and

WHEREAS, the Parties wish to amend the Agreement 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 specific terms and conditions under which CLEC exchanges traffic with CenturyLink as set forth in Attachment 1 to this Amendment, attached hereto and incorporated herein by this reference.

Effective Date

This Amendment shall be deemed effective upon approval by the Commission, or by being permitted to go into effect by operation of law; however, the Parties may agree to implement the provisions of this Amendment upon execution. To accommodate this need, CLEC must generate, if necessary, updated customer documentation. In addition, all system updates will need to be completed by CenturyLink. Carrier Partner will be notified when all system changes have been made. Actual order processing may begin once these requirements have been met.

Further Amendments

Except as modified herein, the provisions of the Agreement shall remain in full force and effect. The provisions of this Carrier Partner 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 Carrier Partner 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-Michigan, LLC

DocuSigned by:

 4B0FA00E2559421...

Signature

John Bullock
 Name Printed/Typed

COO
 Title

3/1/2017
 Date

United Telephone Company of Ohio d/b/a CenturyLink

DocuSigned by:

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Signature

Diane Roth
 Name Printed/Typed

Director - Wholesale
 Title

3/1/2017
 Date

ATTACHMENT 1

The following language is added to the existing language, in the Agreement, in its entirety:

Definitions

Carrier Partner is a Certified Local Exchange Carrier (CLEC) that provides the facilities and trunking that an Interconnected VoIP Provider needs in order to exchange traffic with CenturyLink and demonstrates facilities readiness as described in the VoIP Numbering Order.

Denial of Service (DoS) is an action that prevents legitimate user(s) from using or being provided service.

Interconnected VoIP Provider is an entity that provides interconnected VoIP service, as that term is defined in 47 C.F.R. §9.3 and that obtains numbering resources as described in the VoIP Numbering Order.

Terms of Carrier Partner Amendment

1. Pursuant to the terms of this Amendment, CLEC will be exchanging with CenturyLink VoIP-PSTN Traffic, Transit and Jointly Provided Switched Access traffic of Interconnected VoIP Providers on the CLEC's interconnection trunks.

- 1.1 Prior to CLEC exchanging traffic for an Interconnected VoIP Provider with CenturyLink, CLEC will notify CenturyLink and CenturyLink will confirm that the Interconnected VoIP Provider has entered into an "Interconnected VoIP Provider Numbering Agreement" with CenturyLink.
- 1.2 CLEC will notify CenturyLink when CLEC is no longer routing an Interconnected VoIP Provider's traffic on CLEC's interconnection trunks.
- 1.3 CLEC will provide such notifications to their CenturyLink Customer Account Manager (CAM).
- 1.4 CLEC will follow applicable procedures of the LERG and the CLEC Agreement in order to identify the OCNs and NPA-NXX(s) of the Interconnected VoIP Provider which will be associated with the CLEC's Switch and routed on the CLEC's interconnection trunk groups.

2. CLEC and CenturyLink will continue to exchange traffic under the terms of the CLEC Agreement, including treatment of traffic terminating to CenturyLink end users. Solely for purposes of this Amendment, all traffic originated by parties utilizing CLEC and terminating to CenturyLink end users or transiting CenturyLink to other providers will be treated as though originated by CLEC, including but not limited to terminating intercarrier compensation, Transit compensation, compensation for use of interconnection transport facilities, and establishment of direct trunk groups.

3. No compensation for transiting traffic will be paid by CenturyLink to CLEC for traffic that CenturyLink sends through the CLEC to terminate to Interconnected VoIP Provider. All CenturyLink end user traffic will be treated as though it was terminated with the CLEC.
4. Interconnected VoIP Provider traffic will be included as the CLEC's responsibility in accordance with applicable terms of the Agreement.
5. This Amendment does not otherwise modify or supersede the terms and conditions of any agreement that CLEC may have with CenturyLink, including tariff, Interconnection and/or other agreements.
6. Solely for purposes of this Amendment, all VoIP-PSTN traffic originated by CenturyLink and terminating to parties utilizing CLEC will be treated as though they terminated to the CLEC, including but not limited to terminating intercarrier compensation, Transit compensation, compensation for use of interconnection transport facilities, and establishment of direct trunk groups. This Amendment does not authorize CLEC to bill CenturyLink on behalf of Interconnected VoIP Provider for any charges incurred by the Interconnected VoIP Provider to establish connectivity with CLEC or for services purchased between CenturyLink and the Interconnected VoIP Provider contained in separate agreements or tariffs.
7. CLEC will pass unaltered signaling information (e.g., originating Calling Party Number and destination called party number, etc.) for the Interconnected VoIP Provider's traffic per 47 C.F.R. § 64.1601 and industry standards.
8. CLEC agrees that CenturyLink may discontinue accepting all traffic delivered over CLEC's trunking where CenturyLink experiences from Interconnected VoIP Provider a Denial of Service (DoS) attack or such Interconnected VoIP Provider traffic otherwise contributes to the degradation of CenturyLink's network or CenturyLink's ability to provide service to its customers. CLEC agrees to remove the inappropriate Interconnected VoIP Provider traffic from its network prior to CenturyLink's subsequent acceptance of CLEC's other traffic. Following any such event, CLEC will establish a separate trunk group for the Interconnected VoIP Provider's exclusive use for any subsequent Interconnected VoIP Provider traffic.
9. Where CLEC agrees to allow its interconnection trunks with CenturyLink to also be used for the routing of Interconnected VoIP Provider's traffic, CLEC will ensure traffic routed over such trunks is destined solely to the geographic area served by CenturyLink's switch as defined in the LERG.
10. CLEC agrees that CenturyLink will not be responsible to provide 911 services directly to the Interconnected VoIP Provider and that instead Interconnected VoIP Provider will be responsible for ensuring they implement a solution to route 911 calls in accordance with all federal, state and municipal laws.
11. If CLEC chooses to obtain numbering from NANPA under a different OCN as an Interconnected VoIP Provider, they must have both a Commercial Interconnected VoIP Provider Numbering Agreement and this Amendment in order to route their Interconnected VoIP Provider traffic associated with that OCN on CLEC's interconnection trunks.

This foregoing document was electronically filed with the Public Utilities

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Case No(s). 17-0702-TP-NAG

Summary: Agreement Carrier Partner for Interconnected VoIP Provider Amendment to the Interconnection Agreement electronically filed by Mrs. Marjorie Herlth on behalf of United Telephone Company of Ohio dba CenturyLink