



May 11, 2012  
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MAY 11 2012

Mr. Darrell Nitschke, Executive Secretary  
North Dakota Public Service Commission  
600 East Boulevard Avenue  
Department 408  
Bismarck, ND 58505-0480

PUBLIC SERVICE COMMISSION

RE: **Matrix Telecom, Inc. d/b/a Matrix Business Technologies d/b/a Trinsic Communications**  
Tariff Revision for North Dakota Price List No. 2 (Access Services)

Dear Mr. Nitschke:

Enclosed for filing please find the original and one (1) copy of revised tariff pages for the above-referenced tariff submitted on behalf of Matrix Telecom, Inc. This filing makes revisions to incorporate the requirements of the Federal Communications Commission Report and Order in WC Docket No. 10-90, etc., FCC No. 11-161 (released Nov 18, 2011) ("FCC Order") regarding the treatment of Toll VoIP-PSTN traffic. The Company respectfully requests an effective date for this filing of May 15, 2012.

The following tariff pages are included with this filing:

1 <sup>st</sup> Revised Title Page	Updates Company address
1 <sup>st</sup> Revised Page 1	Updates Check Sheet
1 <sup>st</sup> Revised Page 9	Adds definitions; notes text move
Original Page 9.1	Adds definitions; notes relocated text
Original Pages 27.1, 27.2, 27.3 & 27.4	Adds VoIP-PSTN Traffic language

Please acknowledge receipt of this filing by date-stamping the extra copy of this cover letter and returning it to me in the self-addressed, stamped envelope provided for that purpose.

Any questions you may have regarding this filing should be directed to my attention at 407-740-3001 or via email to [tforte@tminc.com](mailto:tforte@tminc.com). Thank you for your assistance in this matter.

Sincerely,

Thomas M. Forte  
Consultant to Matrix Telecom, Inc.

cc: Scott Klopach (Via E-Mail) - Matrix  
file: Matrix - North Dakota - Access  
tms: NDA1201

1 **PU-12-197** Filed: 5/11/2012 Pages: 9  
VOIP-PSTN Traffic

Enclosures  
TF/mw

Matrix Telecom, Inc.  
Thomas Forte

*This tariff, Matrix Telecom, Inc. d/b/a Matrix Business Technologies also  
d/b/a Trinsic Communications, North Dakota Price List No. 2  
cancels and replaces in its entirety Trinsic Communications, Inc., North Dakota Price List No. 2.*

NORTH DAKOTA

TELECOMMUNICATIONS ACCESS SERVICES TARIFF

OF

**MATRIX TELECOM, INC. D/B/A MATRIX BUSINESS TECHNOLOGIES  
ALSO D/B/A TRINSIC COMMUNICATIONS**

This rate sheet contains the descriptions, regulations and rates applicable to the furnishing of competitive access service and facilities for telecommunicationsservices provided by Matrix Telecom, Inc. d/b/a Matrix Business Technologies d/b/a Trinsic Communications ("Matrix") within the State of North Dakota. This tariff is on file with the North Dakota Public Service Commission. Copies may be inspected during normal business hours at the Company's principal place of business at 433 E. Las Colinas Blvd., Suite 400, Irving, Texas 75039.

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Issued: May 14, 2012

Effective: May 15, 2012

Scott Klopach, General Counsel  
433 E. Las Colinas Blvd., Suite 400  
Irving, Texas 75039

NDa1201

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**CHECK SHEET**

Pages of this tariff, as indicated below, are effective as of the date shown at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this page.

PAGE	REVISION		PAGE	REVISION		PAGE	REVISION
Title	1 <sup>st</sup> Rev.	*	25	Original		47	Original
1	1 <sup>st</sup> Rev.	*	26	Original		48	Original
2	Original		27	Original		49	Original
3	Original		27.1	Original	*	50	Original
4	Original		27.2	Original	*	51	Original
5	Original		27.3	Original	*	52	Original
6	Original		27.4	Original	*	53	Original
7	Original		28	Original		54	Original
8	Original		29	Original		55	Original
9	1 <sup>st</sup> Rev.	*	30	Original			
9.1	Original	*	31	Original			
10	Original		32	Original			
11	Original		33	Original			
12	Original		34	Original			
13	Original		35	Original			
14	Original		36	Original			
15	Original		37	Original			
16	Original		38	Original			
17	Original		39	Original			
18	Original		40	Original			
19	Original		41	Original			
20	Original		42	Original			
21	Original		43	Original			
22	Original		44	Original			
23	Original		45	Original			
24	Original		46	Original			

\* - indicates those pages included with this filing

**SECTION 1 - DEFINITIONS, (CONT'D.)**

Recurring Charges: The monthly charges to the Customer for services, facilities and equipment, which continue for the agreed upon duration of the service.

Service Order: The written request for Network Services executed by the Customer and the Company in a format devised by the Company; or, in the alternative, the submission of an Access Service Request by the Customer in the manner specified in this Price List.

Service(s): The Company's telecommunications Access Services offered on the Company's Network.

Signaling Point of Interface: The Customer designated location where the SS7 signaling information is exchanged between the Company and the Customer.

Signaling System 7 (SS7): The common Channel Out of Band Signaling protocol developed by the Consultative Committee for International Telephone and Telegraph (CCITT) and the American National Standards Institute (ANSI).

Switched Access Service: Access to the switched network of an Exchange Carrier for the purpose of originating or terminating communications. Switched Access is available to carriers, as defined in this Price List.

TDM: Time Division Multiplexing – a method of transmitting and receiving voice signals over the Public Switched Telephone Network (PSTN). (N)  
(N)

Toll VoIP-PSTN Traffic: The term Toll VoIP-PSTN Traffic denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. Toll VoIP-PSTN Traffic originates and /or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment. (N)  
|  
|  
|  
(N)

Trunk: A communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

(M)  
(M)

*(M) - Material now appears on Original Page 9.1*

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**SECTION 1 - DEFINITIONS, (CONT'D.)**

VoIP-PSTN Traffic: VoIP-PSTN Traffic is the traffic exchanged between the Company and the Customer in time division multiplexing ("TDM") format that originates and/or terminates in Internet Protocol ("IP") format. Traffic originates and/or terminates in IP format if it originates from and/or terminates to an end user customer of a service that requires Internet protocol compatible customer premises equipment. (N)  
|  
|  
(N)

VoIP PROVIDER PARTNER: any VoIP Provider that uses the Company's services to exchange traffic with the PSTN. (N)  
(N)

VoIP Service: Transmission of communication by aid of wire, cable, radio, or other like connection using Voice Over Internet Protocol that is originated or terminated in Internet Protocol (IP) format. VoIP Services are those services that require the use of IP compatible customer premises equipment. (N)  
|  
(N)

Wireless Provider: Any carrier authorized to operate as a provider of cellular, personal communications, paging or any other form of wireless transmission. (M)  
(M)

*(M) - Material formerly appeared on Original Page 9.*

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**SECTION 2 - RULES AND REGULATIONS, (CONTD.)**

**2.3 Obligations of the Customer, (Conf'd.)**

**2.3.4 Identification and Rating of VoIP-PSTN Traffic**

(N)

**A. Scope**

VoIP-PSTN Traffic is the traffic exchanged in time division multiplexing ("TDM") format that originates and/or terminates in Internet protocol ("IP") format. This section governs the identification of VoIP-PSTN Traffic that is required to be compensated at interstate access rates (unless the parties have agreed otherwise) by the Federal Communications Commission in its Report and Order in WC Docket Nos. 10-90 et. al., FCC No. 11-161 (November 18, 2011) ("FCC Order"). Specifically, this section establishes the method of separating such traffic (referred to in this tariff as "Relevant VoIP-PSTN Traffic") from the Customer's traditional intrastate access traffic, so that such Relevant VoIP-PSTN Traffic can be billed in accordance with the FCC Order.

**B. Rating of VoIP-PSTN Traffic**

The Relevant VoIP-PSTN Traffic identified in accordance with this tariff section will be billed in accordance with the Company's applicable interstate switched access rates in Tariff FCC No. 1.

(N)

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**SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**

**2.3 Obligations of the Customer, (Cont'd.)**

**2.3.4 Identification and Rating of VoIP-PSTN Traffic, (Cont'd.)**

(N)

**C. Calculation and Application of Percent-VoIP-PSTN-Usage Factor, (Cont'd.)**

The Company will determine the number of Relevant VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under subsection (B), above, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU (however determined – either based on call detail information or PIU) exchanged between the Company and the Customer. The PVU will be derived and applied as follows:

1. The Customer will calculate and furnish to the Company a factor (the "PVU-A") representing the whole number percentage of the total access MOU that the Customer exchanges with the Company in the State, that (a) is sent to the Company and that originates in IP format; or (b) is received from the Company and terminates in IP format. This PVU-A shall be based on information such as the number of the Customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.
2. Company will, likewise, calculate a factor (the "PVU-B") representing the percentage of the Company's total access MOU in the State that the Company originates or terminates in IP format. This PVU-B shall be based on information such as the number of the Company's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.
3. The Company will use the PVU-A and PVU-B factors to calculate an effective PVU factor that represents the percentage of total access MOU exchanged between the Company and the Customer that is originated and/or terminated in IP format, whether at the Company's end, at the Customer's end, or at both ends. The effective PVU factor will be calculated as the sum of: (A) the PVU-A factor and (B) the PVU-B factor times (1.0 minus the PVU-A factor).

(N)

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**SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**

**2.3 Obligations of the Customer, (Conf'd.)**

**2.3.4 Identification and Rating of VoIP-PSTN Traffic, (Cont'd.)**

**C. Calculation and Application of Percent VoIP-PSTN-Usage Factor, (Cont'd.)**

4. The Company will apply the effective PVU factor to the total intrastate access MOU exchanged with the Customer to determine the number of Relevant VoIP-PSTN Traffic MOUs.

Example 1: The PVU-B is 10% and the PVU-A is 40%. The effective PVU factor is equal to  $40\% + (10\% \times 60\%) = 46\%$ . The Company will bill 46% of the Customer's intrastate access MOU in accordance with the Company's applicable interstate switched access tariff.

Example 2: The PVU-B is 10% and the PVU-A is 0%. The effective PVU factor is  $0\% + (100\% \times 10\%) = 10\%$ . The Company will bill 10% of the Customer's intrastate access MOU in accordance with the Company's applicable interstate switched access tariff.

Example 3: The PVU-A is 100%. No matter what the PVU-B factor is, the effective PVU is 100%. The Company will bill 100% of the Customer's intrastate access MOU in accordance with the Company's applicable interstate switched access tariff.

5. If the Customer does not furnish the Company with a PVU-A pursuant to the preceding paragraph 1, the Company will utilize an effective PVU equal to the PVU-B.
6. The Customer shall not modify their reported PIU factor to account for VoIP-PSTN Traffic.

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**SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**

**2.3 Obligations of the Customer, (Cont'd.)**

**2.3.4 Identification and Rating of VoIP-PSTN Traffic, (Cont'd.)**

(N)

**D. Initial PVU Factor**

If the PVU factor is not available and/or cannot be implemented in the Company's billing systems by December 29, 2011, once the factor is available and can be implemented the Company will adjust the Customer's bills to reflect the PVU retroactively to December 29, 2011. In calculating the initial PVU, the Company will take the Customer-specified PVU-A into account retroactively to December 29, 2011, provided that the Customer provides the factor to the Company no later than April 15, 2012; otherwise, it will set the initial PVU equal to the PVU-B, as specified in subsection C.5, above.

**E. PVU Factor Updates**

The Customer may update the PVU-A factor or the Company may update the PVU-B quarterly using the method set forth in subsection C.1 or C.2, respectively, above. If the Customer chooses to submit such updates, it shall forward to the Company, no later than 15 days after the first day of January, April, July and/or October of each year, a revised PVU-A factor based on data for the prior three months, ending the last day of December, March, June and September, respectively. The Company will use the revised PVU-A to calculate a revised PVU. The revised PVU factor will apply prospectively and serve as the basis for billing until superseded by a new PVU.

**F. PVU Factor Verification**

Not more than twice in any year, the Company may ask the Customer to verify the PVU-A factor furnished to the Company and Customer may ask the Company to verify the PVU-B factor and the calculation of the PVU factor. The party so requested shall comply, and shall reasonably provide the records and other information used to determine the respective PVU-A and PVU-B factors. The Customer shall retain the call detail, work papers, and/or other information used to develop the PVU factor for a minimum of one year. No prorating or back billing will be done based on updated PVU factors.

(N)