



January 12, 2012  
Via Web Filing

Ms. Jocelyn Boyd, Chief Clerk  
South Carolina Public Service Commission  
101 Executive Center Dr.  
Columbia, SC 29210

RE: Matrix Telecom, Inc. d/b/a Matrix Business Technologies also d/b/a Trinsic Communications  
Revision for South Carolina Tariff No. 4

Dear Ms. Boyd:

Enclosed for filing please find the original of the above referenced tariff filing submitted on behalf of Matrix Telecom, Inc. d/b/a Matrix Business Technologies also d/b/a Trinsic Communications. 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 January 18, 2012.

The following tariff pages are included with this filing:

1 <sup>st</sup> Revised Page 1	Updates Check Sheet
1 <sup>st</sup> Revised Page 9	Adds definitions, moves text
Original Page 9.1	Adds definitions, moves text
Original Pages 26.1-26.5	Adds VoIP-PSTN Traffic

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  
Mr. C. Dukes Scott, Executive Director  
file: Matrix - South Carolina - Access  
tms: SCa1201

Enclosures  
TF/mp

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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	Original		26	Original		47	Original
1	1 <sup>st</sup> Rev.	*	26.1	Original	*	48	Original
2	Original		26.2	Original	*	49	Original
3	Original		26.3	Original	*	50	Original
4	Original		26.4	Original	*	51	Original
5	Original		26.5	Original	*	52	Original
6	Original		27	Original		53	Original
7	Original		28	Original		54	Original
8	Original		29	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			
25	Original						

\* - indicates those pages included with this filing

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433 E. Las Colinas Blvd., Suite 400  
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**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 tariff.

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 tariff.

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

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.

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

(N)

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(M)

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*Material originally found on this page is now found on page 9.1.*

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

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

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.

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)

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

*Material now found on this page was originally found on page 9.*

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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**

**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 Tariff FCC No. #1.

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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.)**

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

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).
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.

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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.)**

**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.

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