

Illinois Commerce Commission
Docket No. 12-0550
SprintCom, Inc., WirelessCo, L.P., NPCR, Inc.
d/b/a Nextel Partners and Nextel West Corp.
Data Request Sprint ATT-5

Request: Describe in full and complete detail, including a network drawing, the call path that AT&T intends to use to deliver a call from a U-verse customer to Sprint.

- a. Identify all IP and / or TDM interconnection points
- b. Identify all technology conversions (e.g. IP to TDM)

Response: The path of a VoIP call made by an AT&T Illinois U-verse customer to a customer of Sprint is shown in the diagram that is attachment Sprint DR 4 and discussed in response to Staff Data Request 4. A U-verse customer utilizes a Residential Gateway at the customer premise for VoIP service where the phone is plugged in. The copper cable is connected to a VRAD where the signal is converted from copper to fiber, which is connected to aggregation equipment located in the Central Office. The aggregated signal from the Central Office is further aggregated at an Intermediate Office with data signals from other Central Offices and delivered to the VHO. The VHO is the point where the IP data and the video streams are aggregated for delivery to the AT&T U-verse network. The IP data stream is cross-connected to a Special Access Service terminating at the AT&T Corp POP. VoIP services are in IP format and are managed and, as required, converted to TDM format by AT&T Corp when traffic is to be exchanged with the PSTN.

a) IP interconnection points are on the AT&T Corp network. For example, in the diagram contained in Attachment Sprint DR 4, the location of the IP interconnection point would be at the AT&T Corp Hub Office. TDM interconnection points would include the tandems listed in response to ATT-6, below, as well as any other interconnection points designated by the parties.

b) There are no technology conversions on AT&T Illinois' network; all traffic is sent and received in TDM format in the AT&T Illinois network. All IP to TDM conversions are performed on the AT&T Corp network.

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Sprint Cross Exhibit No. 13

Witness Albright

Date 2/27/13 Reporter KW

