

**Verizon** 600 Hidden Ridge Irving, TX 75038

# Short Term Public Notice of Network Change Under Rule 51.333(a)

# Hosted VoIP Service (Update of 4/5/2005 Disclosure)

July 26, 2005

## Type of Change:

Hosted Voice over Internet Protocol (IP) functions on industry-standard protocols to provide packet telephony and enhanced services, such as voice messaging, and provides network interfaces to end users and enhanced service providers. The service network interface includes standard Layer 2 protocols, such as ATM or Ethernet, and is based on higher layer protocols for signaling and media exchange. The signaling protocol will be the Session Initiation Protocol (SIP) and the media exchange protocol will be the Real-time Transport Protocol (RTP).

Both end users and enhanced service providers will attach to a packet-based interface. The Layer 2 services will extend from a customer's premises or from an enhanced service provider's premises to the Verizon central office. All Layer 3 traffic will use Internet Protocol (IP). The Layer 3 secure interface for authentication will also be over IP.

The protocols between the Verizon network interface and the customer or the provider's equipment are described in the following documents:

#### SIP

RFC 3261 Session Initiation Protocol
To obtain IETF documents, visit the following website: http://www.ietf.org/

## **RTP**

RFC 3550 - RTP: A Transport Protocol for Real-Time Applications. To obtain IETF documents, visit the following website: http://www.ietf.org/

**Standard BroadWorks System Specification** Visit the following website:

https://www.broadsoft.com

## Stalker Software for Voice Mail: CommuniGate Pro Dynamic Cluster

Visit the following website:

http://www.stalker.com/Papers/dyn\_cluster\_flier.pdf

## **IETF – Internet Engineering Task Force**

IETF Secretariat c/o Corporation for National Research Initiatives 1895 Preston White Drive, Suite 100 Reston, VA 20191-5434 USA 703 620 8990 (voice) 703 620 9071 (fax) To obtain IETF documents, visit the following website: http://www.ietf.org/

## Date changes are to occur:

Verizon plans to offer Hosted VoIP service beginning on or about September 28, 2005. To confirm date and availability at your location, contact the Product Managers.

## Location changes are to occur:

These interfaces will be offered in selected areas within the Commonwealth of Virginia where suitable facilities are available. To confirm availability at your location, contact the Product Manager listed below.

## Reasonable foreseeable impact of change:

CPE vendors who are interested in providing IP CPE for this service, or enhanced services providers interested in providing voice messaging using the service in the service area, will need to meet the interface requirements.

## **Verizon Contact:**

For additional information on the regarding Hosted VoIP Service interface, please contact your representative. For technical questions, contact:

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