



**Verizon**

Wholesale Services  
Mail Code HQE02M51  
600 Hidden Ridge  
Irving, TX 75038-3897

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

**Verizon**

**Video Access Transport Service, Fiber To The Home Digital Data Service**

October 26, 2001

**Description**

Initial deployment of the Video Access Transport and Fiber To The Home Digital Data Services are planned for February 2002. These initial offerings are planned for deployment over a 12 to 18 month period.

Video Access Transport Service is designed to provide the transport of either a 55 MHz - 370 MHz (Verizon Spectrum 1) or a 950 MHz – 2050 MHz (Verizon Spectrum 2) video signal over a single mode fiber optic cable from a video service provider to the customer's home. This service will allow the service provider to connect its antennas to the Verizon network demarcation point and then transport the signal over Verizon's fiber optic network to the customer's home. At the customer's home, Verizon's network interface device (NID), an OEC (Optical to Electrical Converter), will convert the optical signal to an electrical signal and will provide for the interconnection to the customer's premises equipment.

Fiber To The Home Digital Data Service is designed to provide high-speed data: 1.5 Mbps bi-directional or unrestricted (as an enhancement to the data service) to each home. The service supports connectivity via Layer 2 Tunneling Protocol (L2TP) tunnels encapsulated in UDP/IP over ATM (AAL5) or L2TP tunnels directly over AAL5/ATM. [L2TP Access Aggregation (L2TP) implementation].

Please refer to the technical specifications attached for a detailed description of the video and the ethernet data interfaces to the equipment, which will be provided as part of Verizon's service.

**Service Customers**

The intended customers for the video transport service are video service providers who wish to provide purchased or self-produced video content to homes connected to the Verizon network.

The customer targets for the Fiber To The Home Digital Data Service are Internet Service Providers, Competitive Local Exchange Carriers and Data Local Exchange Carriers.

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**Impact of Change**

Verizon will be able to offer new fiber-based data services using the new interfaces.

**Location**

Verizon plans to offer this service initially in Brambleton, which is a real estate development located in Loudoun County Virginia. The data service will be offered through Verizon's Manassas Central Office (MNSSVAXA). The video transport service will be offered through the demark cross-connect outside the Verizon owned remote facility located at the Brambleton community. Following deployment in this location, Verizon will determine whether to offer the service more broadly.

This network change notice is not an offer to provide service. The contact person for additional information regarding this notice of network change is:

Ralph Silvestri  
Product Line Manager  
Verizon Business Solutions Group  
(212) 395-2128

[Attach.](#)