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February 2, 2004

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

**Re: Notice of *Ex Parte* Presentation
WC Docket No. 02-361 - *AT&T's Petition for Declaratory Ruling*
WC Docket No. 03-45 - *Pulver.com's Petition for Declaratory Ruling*
WC Docket No. 03-211 - *Vonage's Petition for Declaratory Ruling*
WC Docket No. 03-266 - *Level 3 Communications' Petition for Forbearance***

Dear Secretary Dortch:

On January 30, 2004, Lee Schroeder, Nick Damenti, and Lara Leibman of Cablevision Systems Corp. ("Cablevision"), and the undersigned met with Commission personnel from the Wireline Competition Bureau, Media Bureau, Office of Engineering and Technology, Office of General Counsel, and Office of Strategic Planning and Policy Analysis. During the meeting, Cablevision discussed the deployment of its Optimum Voice service, which relies on Voice over Internet Protocol ("VoIP") technology to provide digital, quality voice service. Cablevision distributed the attached information regarding its service during the meeting.

Pursuant to sections 1.1206(b)(1) and (2) of the Commission's rules, a copy of this letter is being filed electronically with the Office of the Secretary. Copies are also being served electronically on the Commission participants in the meeting.

Any questions concerning this submission should be addressed to the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Cherie R. Kiser". The signature is written in a cursive, flowing style.

Chérie R. Kiser

Attachments

cc: Michelle Carey
Jeff Carlisle
Kyle Dixon
Barbara Esbin
Russ Hanser
Richard Hovey
John Kiefer
Chris Killion
Priscilla Lee
Anne Levine
William Maher
J. Scott Marcus
Carol Matthey
Jennifer McKee
Tom Navin
Robert Pepper
Gina Spade
Robert Tanner
Lee Schroeder
Nick Damenti
Lara Leibman

Optimum Voice

FCC

January 30, 2004

What is Optimum Voice?

- **100% digital, quality voice service available exclusively to Optimum Online cable modem service customers in CT, NY and NJ**
- **Cost effective and convenient voice service**
 - Unlimited local, regional, and long distance calls throughout the U.S. and Canada
 - Five custom calling features at no additional cost: call waiting, caller ID, call return (*69), three-way calling, and call forwarding
 - E-911 service
 - Whole House Wiring Option
 - Free professional installation
 - \$34.95/month flat fee; 30-day money back guarantee
- **Future features: directory assistance, Voicemail, Web portal, international calling, simultaneous ring**

Provisioning Optimum Voice

- **Voice-enabled cable modem is necessary**
 - Must be OOL customer to subscribe to OV
 - Only one OV line and number per OOL cable modem
 - New telephone number; porting at a later date
- **No back-up power**
 - Household electric is power source
- **Whole House Wiring Option (effective 1/21/04)**
 - Enables one modem to provide OV service to existing telephone jacks in the home
 - Free professional installation
- **Terms of service**
 - May not be purchased as a stand-alone service
 - Only permissible use is residential voice service

On the Horizon: Business Class OV

- Expansion of the OV offering to include Business Class OOL customers
- Voice-enabled cable modem will be necessary
 - Only one phone line per BCOOL modem initially
 - New telephone number; porting at a later date
- Secondary service
 - Battery back-up will not be included at first
- Similar calling features to OV package
- Terms of service
 - May not be purchased as a stand-alone service
 - Only permissible use is business voice service
- Target deployment: March 2004

Cablevision - Optimum Voice

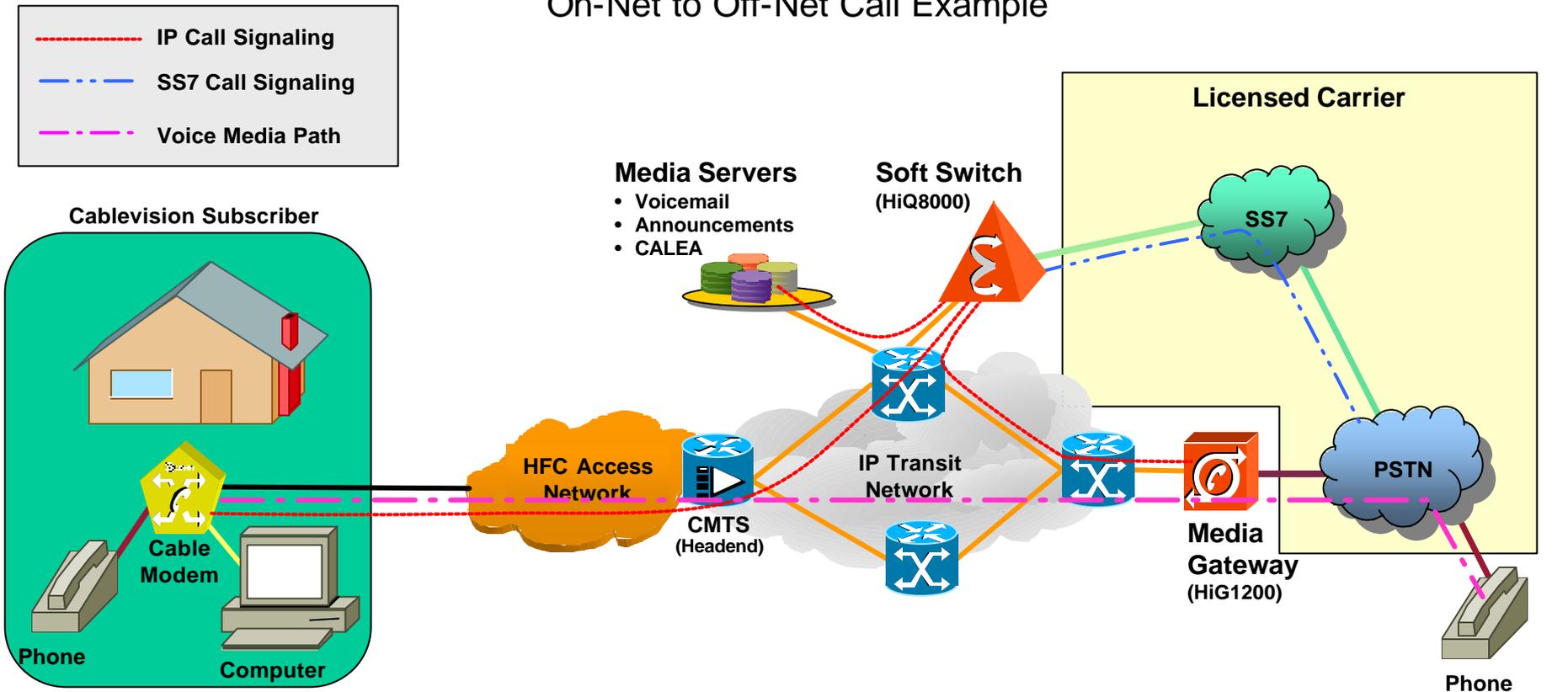
VoIP Network Slides

FCC

January 30, 2004

Cablevision VoIP Network Architecture

On-Net to Off-Net Call Example



Cable Modem	A modulator-demodulator at subscriber locations intended for use in conveying data communications on a cable television system.
CMTS	Cable Modem Termination System - Located at the cable television system headend or distribution hub, a CMTS provides complementary functionality to the cable modems to enable data connectivity to a wide-area network.
Headend	The control center of a cable television system, where incoming signals are amplified, converted, processed and combined into a common cable along with any original cablecasting, for transmission to subscribers.
HFC	Hybrid Fiber/Coax(ial [cable]) - An HFC system is a broadband bi-directional shared media transmission system using fiber trunks between the headend and the fiber nodes, and coaxial distribution from the fiber nodes to the customer locations.
Media Gateway	A media gateway located within a packet-based network which "bridges" calls between the Internet Protocol (IP)-network and the PSTN-network.
PSTN	Public Switched Telephone Network - The PSTN is the worldwide circuit-switched telephone network.
Soft Switch	A Soft Switch (software switch) is a generic term for any open application program interface (API) software used to bridge the PSTN and Voice over Internet Protocol (VoIP) by separating the call control functions of a voice call from the media gateway.
SS7	SS7 is an architecture and set of protocols for performing out-of-band call signaling with a telephone network.

- Equipment Location**
- **Soft Switches**
 - Hicksville, NY
 - **Media Gateways**
 - Hicksville, NY
 - Parsippany, NY
 - Norwalk, CT

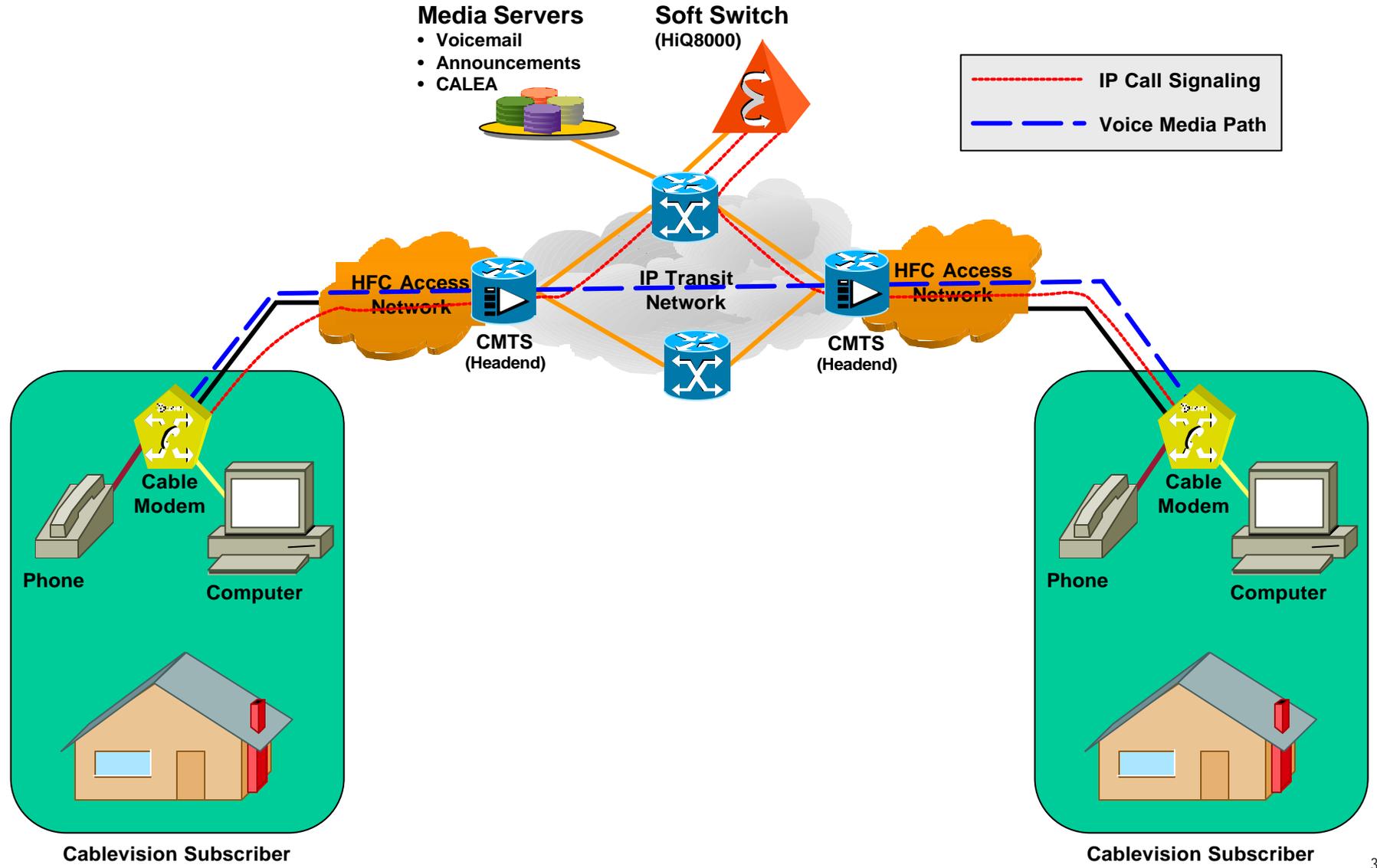
Cablevision VoIP Network Architecture

On-Net Call Example

Media Servers

- Voicemail
- Announcements
- CALEA

Soft Switch
(HiQ8000)



Cablevision Subscriber

Cablevision Subscriber