



## FS-VDSL Committee

Denver, USA

Seventh Meeting

March 4-6, 2002

### **Issued March 25, 2002.**

The Full Service-VDSL Committee convened for its seventh plenary session hosted by Qwest Communications International in Denver-USA, March 4-6, 2002.

118 delegates from 46 companies attended – a record number, which demonstrates the growing interest in video delivery over DSL platforms.

“Qwest is very pleased to have been able to host this important session of FS-VDSL,” said Chris Coles, president of Qwest video services and vice president of the FS-VDSL Committee. “The record attendance at this meeting is indicative of the growing national and international interest in converged full-service networks which will deliver competitive choices for consumers.”

The Committee has defined an architecture that will provide network operators and service providers with the framework to innovate and evolve an exciting mix of video-centric services tailored to their markets, while leveraging the economies of global deployment.

At the Denver meeting it was agreed to require implementation of all the required FS-VDSL connectivity functions in the customer hardware, while allowing for service definition via software downloads from the network.

Don Clarke, head of VDSL Development at BTexact Technologies and FS-VDSL technical director said: "This is a very important achievement. It will enable silicon vendors to target integration of all the mandated FS-VDSL connectivity functions onto a single chip which will then form the basis for low cost interoperable customer equipment. Service providers will be able to remotely configure the customer equipment to provide differentiated service capability, and to evolve their services without hardware obsolescence."

The Denver meeting was closed by Clayton Mangione, president of the FS-VDSL Committee, who said: “The Committee continues to make excellent progress. At this meeting the last remaining key issues for the specifications were resolved, enabling the documents to be released in the spring of this year for industry comment. The work will accelerate vendor interoperability, and provide flexibility for operators to offer differentiated new multi-media services.”

In Denver, Entone Technologies, Ikanos Communications, Infineon Technologies, Lucent Technologies, On2 Technologies and TUT Systems provided demonstrations of technologies relevant to our ongoing specification work.

The next plenary meeting will be hosted by Telenor in Oslo-Norway, May 22-24, 2002.

### **Background Information**

The FS-VDSL Committee is a group of over 70 companies who share a common vision for an end-to-end multi-service video-centric network platform based on FS-VDSL (Full-Service Very high speed Digital Subscriber Line). FS-VDSL enables the delivery of multiple streams of high quality digital video programming, high-speed data and voice services over traditional phone lines.

Since this initiative was launched in Paris in July 2000, 15 network operators have joined representing North America, Europe and Asia; and involvement by vendors and operators has continuously grown, despite the approaching end of our specification work.

The FS-VDSL specifications ensure that broadcast TV can be delivered with similar performance to cable platforms, but augmented with fully interactive two-way broadband capability.

The credibility of the FS-VDSL Committee has grown markedly as the industry realizes that it is the only forum where a full service video-centric DSL network solution for telcos is being globally standardized to be interoperable end-to-end. The FS-VDSL efforts should help reduce overall cost and facilitate faster deployment. Minimizing operational complexity is a key focus and lessons learned from current DSL deployments are being captured to

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ensure that customer installations will be quick and efficient, and customers will experience the best possible competitive broadband service.

Organizations interested in the work of the FS-VDSL Committee should refer to our web site at [www.fs-vdsl.net](http://www.fs-vdsl.net). A table of current members and observers is attached.

**FS-VDSL Membership List**

March 6, 2002

<i>Network Operators / Service Providers</i>	<i>Vendors</i>
Belgacom *	Adaptive Networks, Inc *
Bell Canada	ADC Telecommunications
Bezeq Israel Telecom	Adtran Inc.
British Telecommunications plc.	Alcatel
Deutsche Telekom	Analog Devices Inc.
Eircom	ANDA Networks *
France Telecom	Aware Inc.
Korea Telecom	Broadcom Corporation
KPN Research	Calix Networks
Qwest Communications International Inc.	Centillum Communications Inc.
SBC Technology Resources, Inc.	Cisco Systems, Inc.
Swisscom Ltd.	Corning Cable Systems *
Telecom Italia Laboratories	DVTel, Inc *
Telefónica Investigación y Desarrollo	ECI Telecom
Telenor R&D	Entone Technologies Inc.
Video Networks Ltd.	Equator Technologies, Inc.
	Fujitsu Networks Europe Ltd (FNEL)
	Fujitsu Siemens Computers
	GlobeSpanVirata, Inc.
	Humax Co., Ltd
	Ikanos Communications
	iMagicTV Inc.
	Infineon Technologies
	Kasenna *
	Laboratoire European ADSL
	LG Electronics
	Lucent Technologies
	Marconi
	Metalink Broadband Access
	Minerva Networks
	Myrio Corporation
	nCUBE Corporation
	NEC Corporation
	Net to Net Technologies *
	Next Level Communications
	Nokia Networks
	Occam Networks
	On2 Technologies *
	Optibase, Ltd.
	Orca Interactive Ltd.
	Pace Micro Technology
	Samsung Electronics Co., Ltd.
	Sapphire Communications, Inc.
	SerCoNet
	Siemens AG
	SkyStream Networks, Inc. *
	Stellar One Corporation *
	Sumitomo Electric Industries
	Teleste Corporation
	Tellabs, Inc.
	Thomson Multimedia Inc.
	Tioga Technologies
	TUT Systems
	VDSL Systems Oy
	VideoTele.com
	Virtual Access
	Zarlink Semiconductor
	Zhone Technologies, Inc.

\* Observers.