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Full-Service VDSL

Focus Group
White Paper

Glossary of Terms

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GLOSSARY OF TERMS

Summary

This is the common Glossary of Terms used in the FS-VDSL Focus Group White Papers.

Source

This White Paper was produced by the CPE-SA Working Group of the ITU-T FS-VDSL Focus Group. Please refer to the FS-VDSL web site at http://www.fs-vdsl.net for more information.

This document contains general overview information and should not be construed as a technical specification.

As the FS-VDSL Specifications are revisited, a revised version of this White Paper may be issued.

This White Paper is part of a set of White Papers, published by the ITU-T FS-VDSL Focus Group; for a complete and updated list of published White Papers please refer to the FS-VDSL Focus Group web pages at www.fs-vdsl.net/whitepapers and at http://www.itu.int/ITU-T/studygroups/com16/fs-vdsl/wps.html

GLOSSARY OF TERMS

AAL	ATM Adaptation Layer		**IEEE**	Institute of Electrical and Electronics Engineers
ADSL	Asymmetrical DSL		**IETF**	Internet Engineering Task Force
AN	Access Network		**IGMP**	Internet Group Management Protocol
ANSI	American National Standard Institute		**IP**	Internet Protocol
ASI	Asynchronous Serial Interface		**IRD**	Integrated Receiver Descrambler
ATM	Asynchronous Transfer Mode		**ISDN**	Integrated Services Digital Network
AVC	Advanced Video Coding		**ISO**	International Organization for Standards
B-RAS	Broadband Remote Access Server		**IWCN**	InterWorking to Core Network
CA	Conditional Access		**L2TP**	Layer 2 Tunneling Protocol
CBR	Constant Bit Rate		**LAC**	L2TP Access Concentrator
CPE	Customer Premises Equipment		**LG**	Leave Group
DBTV	Digital Broadcast TV		**LLC**	Logical Link Control
DHCP	Dynamic Host Configuration Protocol		**LNS**	L2TP Network Server
DRM	Digital Rights Management		**MPEG**	Moving Picture Experts Group
DSL	Digital Subscriber Line		**MPEG-TS**	MPEG Transport Stream
DSLAM	DSL Access Multiplexer		**MPLS**	Multi Protocol Label Switching
DSM-CC	Digital Storage Media – Command and Control		**MPTS**	Multi Program Transport Stream
DTV	Digital Television		**MQ**	Membership Query
DVB	Digital Video Broadcasting		**MR**	Membership Report
DVB-T	DVB Terrestrial		**MTS**	MPEG-2 Transport Stream
DVD	Digital Versatile Disc		**NT**	Network Termination
EMS	Element Management System		**NTSC**	National Television Standard Committee
EPG	Electronic Programme Guide		**NVOD**	Near VOD
FPD	Functional processing and Decoding		**ODN**	Optical Distribution Network
FSN	Full Service Network		**OLT**	Optical Line Termination
FS-VDSL	Full Service VDSL		**ONU**	Optical Network Unit
FTTB	Fibre To The Building		**OS**	Operating System
FTTCab	Fibre To The Cabinet		**OTU-R**	Optical Terminal Unit – Remote side
FTTH	Fibre To The Home		**OUT-C**	Optical Terminal Unit – Central Office side
HDTV	High Definition Television			
HFC	Hybrid Fibre Coax			
IEC	International Electrotechnical Commission			

PAL	Phase Alternation Lines	**VHF**	Very High Frequency
PDU	Protocol Data Unit	**VoATM**	Voice over ATM
PEG	Public access, Educational and Government content/programming	**VoD**	Video on Demand
POTS	Plain Old Telephony Service	**VoIP**	Voice over IP
PPP	Point-to-Point Protocol	**VP**	Virtual Path
PPV	Pay per view	**VPI**	Virtual Path Identifier
PS	Pots or ISDN Splitter	**VTP**	VDSL Termination Processing
PVC	Permanent Virtual Circuit	**VTP/D**	VTP or VTPD
QAM	Quadrature Amplitude Modulation	**VTPD**	VDSL Termination Processing and Decoding
QoS	Quality of Service	**VTU-C**	VDSL Terminal Unit – Central Office
QPSK	Quadrature Phase Shift Keying		
RADIUS	Remote Authentication Dial In User Service		
RF	Radio Frequency		
RFC	Request for Comment (IETF standard)		
SAR	Segmentation And Reassembly		
SDB	Switched Digital Broadcast		
SDH	Synchronous Digital Hierarchy		
SDVB	Switched DVB		
SMPTE	Society of Motion Picture and Television Engineers		
SNAP	Subnetwork Access Protocol		
SONET	Synchronous Optical Network		
SPTS	Single Program Transport Stream		
STB	Set Top Box		
STM	Synchrounous Transport Module		
UBR	Unspecified Bit Rate		
UDP	User Datagram Protocol		
UHF	Ultra High Frequency		
UNI	User to Network Interface		
VBR	Variable Bit Rate		
VC	Virtual Connection		
VCC	Virtual Channel Connection		
VCI	Virtual Channel Identifier		
VDSL	Very High Bit Rate Digital Subscriber Line		