



OSW / appiChar Technical Guide for IT Staff

Section 9:

Sometimes you just need to know what the letters actually stand for. If you need to know what they mean too then both <http://www.webopedia.com> and <http://www.google.co.uk> should be able to help.



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Abbreviations

ABR	Available Bit Rate
ADSL	Asymmetric Digital Subscriber Line
ADSP	AppleTalk Data Stream Protocol
ANSI	American National Standards Institute
ARP	Address Resolution Protocol
ASCII	American Standard Code for Information Interchange
ASK	Amplitude shift keying
ASN	Autonomous Systems Number
ASP	Active Server Page AppleTalk Session Protocol
ATM	Asynchronous Transfer Mode
AUI	Attachment Unit Interface
BBS	Bulletin Board System
BGP	Border Gateway Protocol
BIOS	Basic Input/Output System
BISDN	Broadband ISDN
BNC	British Naval Connector
BOOTP	Bootstrap Protocol
BRI	Basic Rate Interface
CBR	Constant Bit Rate
CCITT	Consultative Committee for International Telegraph and Telephony (<i>now ITU</i>)
CDM	Custom Device Module (<i>NetWare</i>)
CHAP	Challenge Handshake Authentication Protocol
CIR	Committed Information Rate
CPU	Central Processing Unit
CRC	Cyclic Redundancy Check
CRM	Customer Resource Management
CSMA/CA	Carrier Sensing Multiple Access/Collision Avoidance
CSMA/CD	Carrier Sensing Multiple Access/Collision Detection
dB	Decibel
DCE	Data Circuit-terminating Equipment
DEC	Digital Equipment Corporation
DHCP	Dynamic Host Configuration Protocol
DLC	Data Link Control
DLCI	DLC Identifier
DMA	Direct Memory Access
DMZ	Demilitarised Zone
DNS	Domain Name Server
DOD	Department of Defense (US)
DSL	Digital Subscriber Line (<i>See also ADSL</i>)
DTE	Data Terminal Equipment
E1	2Mbps data connection
EIA	Electronic Industries Association
EIDE	Enhanced IDE
EISA	Extended Industry Standard Architecture

Abbreviations

EMC	Electromagnetic Compatibility
EMI	Electromagnetic Interference or <i>noise</i>
EOF	End of file <i>or</i> frame
ERP	Enterprise Resource Planning
FDDI	Fibre Distributed Data Interface
FDM	Frequency Division Multiplexing
FSK	Frequency shift keying
FTP	File Transfer Protocol
HAM	Host Adapter Module (<i>NetWare</i>)
HTTP	Hypertext Transfer Protocol
Hz	Hertz
I/O	Input / Output
IBM	International Business Machines
IDE	Integrated Drive Electronics
IEEE	Institute of Electrical and Electronic Engineers
IMAP4	Internet Message Access Protocol version 4
IP	Internet Protocol
IPng	Internet Protocol Next Generation (IP version 6)
IPX	Internetwork Packet Exchange
IrDA	Infrared Data Association
IREDD	Infrared-emitting diode
IRQ	Interrupt Request
ISA	Industry Standard Architecture
ISDN	Integrated Services Digital Network
ISO	International Standards Organisation
ISONET	Isochronous Ethernet
ISP	Internet Service Provider
ITU	International Telecommunications Union (<i>previously CCITT</i>)
JPEG	Joint Photographic Experts Group
L2F	Layer 2 Forwarding
L2TP	Layer 2 Tunnelling Protocol
LAN	Local Area Network
LANE	LAN Emulation
LAPB	Link Accessed Procedures Balanced
LED	Light Emitting Diodes
LLC	Logical Link Control
LPT	Line Printer
MAC	Media Access Control
MAN	Metropolitan Area Network
MAU	Media Access Unit
MCA	Micro Channel Architecture
MIDI	Musical Instrument Digital Interface
MPEG	Motion Picture Experts Group
MPPP	Multilink PPP
MPR	Multi-Provider Router
MSAU	Multistation access unit
MUP	Multiple Universal Naming Convention Provider
MUX	Multiplexer / Demultiplexer

Abbreviations

NCB	Network Control Block
NCP	NetWare Core Protocol
NDIS	Network Driver Interface Specification
NDS	Network Directory Service NetWare Directory Service
NDPS	Novell Distributed Print Services
NetBEUI	NetBIOS Extended User Interface
NFS	Network File System
NIC	Network Interface Card
NLM	NetWare Loadable Module
NNS	NetWare Naming Service
NPA	NetWare Peripheral Architecture
NWLink	Microsoft's implementation of IPX/SPX
ODI	Open Datalink Interface
OSI	Open Systems Interconnection
OSPF	Open Shortest Path
OSR	OEM Service Release
PAP	Password Authentication Protocol
PARC	Xerox Palo Alto Research Center
PCI	Peripheral Component Interconnect
PCMCIA (now known as PC Card)	Personal Computer Memory Card International Association
PDA	Personal Digital Assistant
POP3	Post Office Protocol version 3
POTS	Plain Old Telephone Service
PPP	Point-to-Point Protocol
PPTP	Point-to-Point Tunnelling Protocol
PRI	Primary Rate Interface
PSTN	Public Switched Telephone Network
PVC	Polyvinyl chloride Permanent Virtual Circuits
RADIUS	Remote Authentication Dial-In User Service
RAID	Redundant Array of Inexpensive (<i>or Independent</i>) Disks
RAM	Random Access Memory
RARP	Reverse Address Resolution Protocol
RF	Radio Frequency - 10kHz and 1GHz
RFC	Request for Comments
RIP	Routing Information Protocol Raster Image Processor
RIT	Route Information Table
ROM	Read Only Memory
RTS	Request To Send
SCSI	Small Computer System Interface
SDH	Synchronous Digital Hierarchy
SDLC	Synchronous Datalink Control
SID	Source ID (<i>ArcNet</i>)
SLIP	Serial Line Internet Protocol
SMB	Server Message Block

Abbreviations

SMDS	Switched Multimegabit Digital Service
SMTP	Simple Message Transfer Protocol
SNMP	Simple Network Management Protocol
SOF	Start of file <i>or</i> frame
SOHO	Small Office / Home Office
SONET	Synchronous Optical Network
SPX	Sequenced Packet Exchange
SQL	Structured Query Language
STP	Shielded Twisted Pair
SVC	Switched Virtual Circuits
T1	1.544Mbps data connection
T3	44.746Mbps data connection
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol
TDM	Time Division Multiplexing
TIA	Telecommunications Industries Association (<i>email: Thanks In Advance</i>)
TWA	Two-way alternate
TWAIN	Thing Without An Interesting Name (Actually a standard for scanner drivers)
TWS	Two-way simultaneous
UBR	Unspecified Bit Rate
UNC	Universal Naming Convention
UPS	Uninterruptable Power Supply
USB	Universal Serial Bus
UTP	Unshielded Twisted Pair
VBR	Variable Bit Rate
VFS	Virtual File System
VLM	Virtual Loadable Module
VPN	Virtual Private Network
VTP	Virtual Tunnelling Protocol
WAN	Wide Area Network
WfWg	(<i>Microsoft</i>) Windows for Workgroups
WINS	Windows Internet Naming Service
WWW	World Wide Web
XDR	eXternal Data Representation
xDSL	Generic term for the various <i>DSL</i> technologies