

# ABREVIERI

1000 Base CX	<i>Dual-Coaxial Cable 1000Mbps Ethernet</i>
1000 Base LX	<i>Fiber 1000 Mbps Ethernet (1270 nm)</i>
1000 Base SX	<i>Single Mode Fiber 1000 Mbps Ethernet (830 nm)</i>
1000 Base TX	<i>Unshielded Twisted-Pair 1000 Mbps Ethernet</i>
100 Base-FX	<i>Fiber Fast Ethernet Network</i>
100 Base-TX	<i>Unshielded Twisted Pair Fast Ethernet</i>
10 Base 2	<i>Thin Ethernet</i>
10 Base 5	<i>Thick Ethernet (StarLAN 10)</i>
10 Base F	<i>Fiber Ethernet</i>
10 Base T	<i>Unshielded Twisted-Pair 10 Mbps Ethernet</i>
1Base5	<i>(StarLAN) Unshielded Twisted Pair 1 Mbps Ethernet</i>
3DES	<i>Triple Data Encryption System</i>
4B5B	<i>4 - to -5 Bit Coding</i>

## A

AAL	<i>ATM Adaptation Layer</i>
AC	<i>Access Control</i>
ACC	<i>Asynchronous Communication Channel</i>
ACCM	<i>Asynchronous Control Character Map</i>
ACELP	<i>Adaptive Code Excited Linear Prediction</i>
ACGN	<i>Additive Coloured Gaussian Noise</i>
ACK	<i>ACKnowledge</i>
ACL	<i>Access Control List</i>
ACU	<i>Automatic Calling Unit</i>
ADPCM	<i>Adaptive Differential Pulse Coded Modulation</i>
ADSL	<i>Asymmetric Digital Subscriber Line</i>
AGP	<i>Advanced Graphics Card</i>
AH	<i>IP Authentication Header</i>
AIS	<i>Alarm Indication Signal</i>
AM	<i>Amplitude Modulation</i>
AMI	<i>Alternative Mark Inversion</i>

ANSI	<i>American National Standards Institute</i>
AODI	<i>Always On/Demand ISDN</i>
AP	<i>Application Processor/ Access Point</i>
APDU	<i>Application Protocol Data Unit</i>
API	<i>Application Program Interface</i>
APK	<i>Amplitude-Phase Keying</i>
ARP	<i>Address Resolution Protocol</i>
ARPA	<i>Advanced Research Project Agency</i>
AS	<i>Autonomous System</i>
ASCII	<i>American Standard Code for Information Interchange</i>
ASK	<i>Amplitude Shift Keying</i>
ASN	<i>Autonomous System Number</i>
ATM	<i>Asynchronous Transfer Mode</i>
AU	<i>Attachment Unit</i>
AUI	<i>Attachment Unit Interface</i>
AWGN	<i>Additive White Gaussian Noise</i>

## B

b	<i>bit</i>
B	<i>Byte</i>
B7ZS	<i>Bipolar 7 Zero Supression</i>
B8ZS	<i>Binary Eight Zero Substitution</i>
BACP	<i>Band Allocation Control Protocol</i>
BAP	<i>Band Allocation Protocol</i>
BATE	<i>Baseband Adaptive Transversal Equalizer</i>
BB	<i>Base Band</i>
BCD	<i>Binary Coded Decimal</i>
BCP	<i>Bridging Control Protocol</i>
BECN	<i>Backward Explicit Congestion Notification</i>
BEL	<i>Bell</i>
BGP	<i>Border Gateway Protocol</i>
BIP-L	<i>BIPhase-Level</i>
BIOS	<i>Basic Input-Output System</i>
B-ISDN	<i>Broadband ISDN</i>
BOOTP	<i>BOOTstrap Protocol</i>
BOP	<i>Byte Oriented Protocol</i>
BNC	<i>Bayonet Nut Connector</i>
bps	<i>bits-per-second</i>
BPSK	<i>Binary Phase Shift Keying</i>
BR	<i>Bridge-Router</i>
BRA	<i>Basic Rate Access</i>
BRI	<i>Basic Rate Interface</i>
BS	<i>BackSpace</i>
BSA	<i>Basic Service Area</i>
BSC	<i>Basic Station Controller</i>
BSS	<i>Basic Service Set</i>
BSD-UX	<i>Berkeley Software Distribution Unix</i>
BTC	<i>Basic Transceiver</i>
BUS	<i>Broadcast Unknown Server</i>

**C**

CBAC	<i>Context-Based Access Control</i>
CBR	<i>Constant Bit Rate</i>
CCITT	<i>International Consultative Committee for Telephony and Telegraphy</i>
CCP	<i>Compression Control Protocol</i>
CD	<i>Carrier Detect</i>
CDDI	<i>Copper Distributed Data Interface</i>
CDE	<i>Common Desktop Environment</i>
CDFS	<i>Compact Disk File System</i>
CDMA	<i>Code Division Multiple Access</i>
CELP	<i>Code Excited Linear Prediction</i>
CE-QAM	<i>Constant Envelope Quadrature Amplitude Modulation</i>
CES	<i>Circuit Emulation Service</i>
CLP	<i>Cell Loss Priority</i>
CHAP	<i>Challenge Handshake Authentication Protocol</i>
CIDR	<i>Classless InterDomain Routing</i>
CIR	<i>Committed Information Rate</i>
CISC	<i>Complet Instruction Set Computing</i>
CLLM	<i>Consolidated Link Layer Management</i>
CMI	<i>Coded Mark Inversion</i>
CMOS	<i>Complementary Metal Oxid Semiconductor</i>
C/N	<i>Carrier-to-Noise Ratio</i>
CODEC	<i>COder-DECoder</i>
CP	<i>Communication Processor</i>
CPCS	<i>Common Part Convergence Sublayer</i>
CPFSK	<i>Continuous Phase Frequency Shift Keying</i>
CPU	<i>Central Processing Unit</i>
CR	<i>Carriage Return</i>
CRC	<i>Cyclic Redundancy Checking</i>
CS	<i>Checksum / Card Services / Convergence Sublayer</i>
CSMA/CA	<i>Carrier Sense Multiple Access with Collision Avoidance</i>
CSMA/CD	<i>Carrier Sense Multiple Access with Collision Detection</i>
CSS	<i>Card and Socket Specification</i>
CTS	<i>Clear-To-Send</i>
CU	<i>Central Unit</i>

**D**

DA	<i>Destination Address</i>
DAS	<i>Dual Attachment Station</i>
DCE	<i>Data Circuit Terminal Equipment / Distributed Computing Environment</i>
DDN	<i>Defence Data Network</i>
DEC	<i>Digital Equipment Corporation</i>
DES	<i>Data Encryption System</i>
DHCP	<i>Dynamic Host Configuration Protocol</i>
DIR	<i>Desired Information Rate</i>
DLC	<i>Data Link Control / Data Link Connection</i>
DLCI	<i>Data Link Connection Identifier</i>

DLL	<i>Dynamic Link Library</i>
DNS	<i>Domain Name System</i>
DOS	<i>Disk Operating System</i>
DPMA	<i>Demand Priority Media Access</i>
DPP	<i>Demand Priority Protocol</i>
DPSK	<i>Differentially Phase Shift Keying</i>
DS	<i>Distribution System</i>
DSAP	<i>Destination Service Access Point</i>
DSB-AM	<i>Double Side Band Amplitude Modulation</i>
DSL	<i>Digital Subscriber Line</i>
DSP	<i>Digital Signal Processing</i>
DSR	<i>Data Set Ready</i>
DSSS	<i>Direct Sequence Spread Spectrum</i>
DTE	<i>Data Terminal Equipment</i>
DTMF	<i>Dual Tone MultiFrequency</i>
DTR	<i>Data Terminal Ready</i>
DVMRP	<i>Distance Vector Multicast Routing Protocol</i>

## E

EBCDIC	<i>Extended Binary Coded Decimal Interchange Code</i>
ECP	<i>Encryption Control Protocol</i>
ED	<i>Ending Delimiter</i>
EGP	<i>Enhanced Gateway Protocol</i>
EGRP	<i>Enhanced IGRP</i>
EIA	<i>Electronics Industries Association</i>
EISA	<i>Extended Industry Standard Architecture</i>
E-mail	<i>Electronic mail</i>
EMI	<i>ElectroMagnetic Interference</i>
ENAT	<i>Enhanced Network Address Translation</i>
ENCO	<i>ENcryption &amp; COmpression</i>
ENQ	<i>ENQuire</i>
ESA	<i>Extended Service Area</i>
ESS	<i>Extended Service Set</i>
ESP	<i>IP Encapsulating Security Payload</i>
ETH	<i>Ethernet</i>

## F

FAQ	<i>Frequently Asked Questions</i>
FAT	<i>File Allocation Table</i>
FC	<i>Fragment Control / Frame Control</i>
FCS	<i>Frame Check Sequence</i>
FDDI	<i>Fiber Distributed Data Interface</i>
FDMA	<i>Frequency Division Multiple Access</i>
FEC	<i>Forward Error Correction</i>
FF	<i>Form Feed</i>
FHSS	<i>Frequency Hopping Spread Spectrum</i>
FIFO	<i>First-In First-Out</i>

FIN	<i>Final flag</i>
Finger	<i>Finger User-information Protocol</i>
FI	<i>Fragment Identification</i>
FM	<i>Frequency Modulation</i>
FR	<i>Frame Relay</i>
FS	<i>File System / Frame Status</i>
FTP	<i>File Transfer Protocol / Foil Twisted Pair</i>

## G

Gbps	<i>Giga bits-per-second</i>
GbE	<i>Gigabit Ethernet</i>
GF	<i>Galois Field</i>
GFC	<i>General Flow Control</i>
GIF	<i>Graphic Interchange Format</i>
GMSK	<i>Generalised Minimum Shift Keying</i>
GRE	<i>Generic Routing Encapsulation</i>
GUI	<i>Graphic Unit Interface</i>

## H

H	<i>Header / Host</i>
HAL	<i>Hardware Abstraction Layer</i>
HDBn	<i>High Density Bipolar Code no.n</i>
HDD	<i>Hard-Disk Drive</i>
HDLC	<i>High-level Data Link Control</i>
HDSL	<i>High-Data Rate Digital Subscriber Line</i>
HEC	<i>Header Error-Control</i>
HL, HLEN	<i>Header Length</i>
HPFS	<i>High-Performance File System</i>
HP-UX	<i>Hewlett-Packard Unix</i>
HT	<i>Horizontal Tab</i>
HTML	<i>HyperText Markup Language</i>
HTTP	<i>HyperText Transfer Protocol</i>

## I

IANA	<i>Internet Assigned Number Agency</i>
IBSS	<i>Independent Basic Service Set</i>
ICMP	<i>Internet Control Message Protocol</i>
ID	<i>IDentifier</i>
IEEE	<i>Institute of Electrical and Electronic Engineers</i>
IER	<i>Interrupt Enable Register</i>
IETF	<i>Internet Engineering Task Force</i>
IGMP	<i>Internet Group Management Protocol</i>
IGRP	<i>Internal Gateway Routing Protocol</i>
IIR	<i>Interrupt Identifier Register</i>
IKE	<i>Internet Key Exchange</i>

InterNIC	<i>Internet Network Information Center</i>
Intranet	<i>Internal Local Web Servers</i>
I/O	<i>Input/Output</i>
IP	<i>Internet Protocol</i>
IPCP	<i>Internet Protocol Control Protocol</i>
I-P-O	<i>Input-Processing-Output</i>
IPng	<i>IP next generation</i>
IPsec	<i>Internet Protocol Security Facility</i>
IPX	<i>Internetwork Packet eXchange</i>
IPXCP	<i>Internetwork Packet eXchange Control Protocol</i>
IRDA	<i>InfraRed Data Access</i>
IRQ	<i>Interrupt ReQuest</i>
ISA	<i>Industry Standard Architecture</i>
ISAKMP	<i>Internet Security Association and Key Management Protocol</i>
ISDN	<i>Integrated Services Digital Network</i>
ISI	<i>InterSymbol Interference</i>
ISO	<i>International Standards Organisation</i>
ISOC	<i>Internet SOCIety</i>
Iso-Ethernet	<i>Isochronous Ethernet</i>
ISP	<i>Internet Service Provider</i>
ISTE	<i>Integrated Services Terminal Equipment</i>
ITU	<i>International Telecommunication Union</i>
IWF	<i>Interworking Function</i>

## J

JPEG	<i>Joint Photographic Experts Group</i>
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## K

kbps	<i>kilo bits-per-second</i>
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## L

LAN	<i>Local Area Network</i>
LAPB	<i>Link Access Procedure Balanced</i>
LAPD	<i>Link Access Protocol for D-channel</i>
LCN	<i>Logical Channel Number</i>
LCP	<i>Link Control Protocol</i>
LES	<i>LAN Emulation Server</i>
LF	<i>Line Feed</i>
LLC	<i>Logical Link Control</i>
LMI	<i>Local Management Interface</i>
LPC	<i>Local Procedure Call</i>
LQR	<i>Link Quality Report</i>
LST	<i>Link State Technology</i>
LT	<i>Line Termination</i>

**M**

Mbps	<i>Mega bits-per-second</i>
MA	<i>Multiple Access</i>
MAC	<i>Media Access Control / MiniAccelerator Card</i>
MAN	<i>Metropolitan Area Network</i>
Manchester	<i>Biphase-L Coding</i>
MAU	<i>Multistation Access Unit</i>
MCA	<i>Micro Channel Architecture</i>
MCR	<i>Modem Control Register</i>
MFT	<i>Master File Table</i>
MG	<i>Media Gateway</i>
MGCP	<i>Media Gateway Control Protocol</i>
MIB	<i>Management Information Base</i>
MID	<i>My IDentifier</i>
MII	<i>Media Independent Interface</i>
MIME	<i>Multipurpose Internet Mail Extension</i>
MIOX	<i>Multiprotocol Interconnect Over X.25</i>
MLID	<i>MultiLink Interface Driver</i>
MMF	<i>MultiMode Fiber</i>
MNP	<i>Microcom Networking Protocol</i>
MODEM	<i>MOdulator DEModulator</i>
MPEG	<i>Movie Photographic Experts Group</i>
MPLS	<i>MultiProtocol Label Switching</i>
MRC	<i>MultiRate Coder</i>
MRRU	<i>Maximum Receive Reconstructed Unit</i>
MRU	<i>Maximum Received Unit</i>
MS-DOS	<i>Microsoft Disk Operating System</i>
MSB	<i>Most Significant Bit</i>
MSC	<i>Mobile Switching Center</i>
MSK	<i>Minimum Shift Keying</i>
MSR	<i>Modem Status Register</i>
MTA	<i>Message Transfer Agent</i>
MTU	<i>Maximum Transmission Unit</i>

**N**

NAK	<i>Not AcKnowledge</i>
NAT	<i>Network Address Translation</i>
NAV	<i>Network Allocation Vector</i>
NBF	<i>NetBEUI Frame</i>
NCB	<i>Network Control Block</i>
NCP	<i>Netware Core Protocol / Network Control Protocol</i>
NDIS	<i>Network Driver Interface Specification</i>
NetBeui	<i>Network BIOS extended user interface</i>
NetBIOS	<i>Network Basic Input/Output System</i>
NFS	<i>Network File System</i>
NIC	<i>Network Interface Card</i>
NID	<i>Next IDentifier</i>
NLPID	<i>Network Layer Protocol IDentifier</i>

NOS	<i>Network Operating System</i>
NMM	<i>Network Management Module</i>
NMS	<i>Network Management Station</i>
NNI	<i>Network - Network Interface</i>
NPM	<i>Network Protocol Module</i>
NT	<i>Network Termination</i>
NTFS	<i>NT File System</i>
NTP	<i>Network Time Protocol</i>
NUL	<i>Null</i>
NVT	<i>Network Virtual Terminal</i>

## O

ODI	<i>Open Data-link Interface</i>
OFDM	<i>Orthogonal Frequency Duplexing Method</i>
ONC	<i>Open Network Computing</i>
OQPSK	<i>Offset Quadrature Phase Shift Keying</i>
OS	<i>Operating System</i>
OSI	<i>Open Systems Interconnection</i>
OSPF	<i>Open Shortest Path First</i>
OUI	<i>Organizational Unique Identifier</i>

## P

PAD	<i>Packet Assembly/Disassembly</i>
PAP	<i>Password Authentication Protocol</i>
PBX	<i>Public Branch eXchange</i>
PC	<i>Personal Computer</i>
PCI	<i>Peripheral Component Interconnect</i>
PCM	<i>Pulse Coded Modulation</i>
PCMCIA	<i>Personal Computer Memory Card International Association</i>
PDU	<i>Protocol Data Unit</i>
PERL	<i>Practical Extraction and Reporting Language</i>
PG	<i>Protective Ground</i>
PGP	<i>Pretty Good Privacy</i>
PI	<i>Protocol Interpreter</i>
PING	<i>Packet InterNetwork Groper</i>
PMD	<i>Physical Medium Dependent</i>
PMP	<i>Point - to - Multipoint</i>
PnP	<i>Plug and Play</i>
POP	<i>Post-Office Protocol</i>
PP	<i>Point-to-Point</i>
PPDU	<i>Presentation Protocol Data Unit</i>
PPP	<i>Point-to-Point Protocol</i>
PPSN	<i>Public Packet Switched Network</i>
PRA	<i>Primary Rate Access</i>
PRI	<i>Primary Rate Interface</i>
PS	<i>Postscript</i>
PSK	<i>Phase Shift Keying</i>



PSH	<i>Push flag</i>
PSTN	<i>Public Switched Telephony Network</i>
PSU	<i>Power Supply Unit</i>
PTY	<i>Payload TYPe</i>
PVC	<i>Permanent Virtual Circuit</i>

## Q

QAM	<i>Quadrature Amplitude Modulation</i>
QoS	<i>Quality of Service</i>
QPRS	<i>Quadrature Partial Response Signal</i>
QPSK	<i>Quadrature Phase Shift Keying</i>

## R

RADIUS	<i>Remote Authentication Dial In User Service</i>
RAI	<i>Remote Alarm Indication</i>
RAM	<i>Random Access Memory</i>
RARP	<i>Reverse Address Resolution Protocol</i>
RAS	<i>Remote Access Service</i>
RFI	<i>Radio Frequency Interference</i>
RJ	<i>Registered Jack</i>
RFC	<i>Request For Comments</i>
RFI	<i>Radio Frequency Interference</i>
RIP	<i>Routing Information Protocol</i>
RISC	<i>Reduced Instruction Set Computing</i>
RLL	<i>Run-Length Limited</i>
RLP	<i>Resource Locator Protocol</i>
RMON	<i>Remote Monitoring</i>
PnP	<i>Plug-n-Play</i>
ROM	<i>Read-Only Memory</i>
RPC	<i>Remote Procedure Call</i>
RST	<i>Reset flag</i>
RSVP	<i>ReSerVation Protocol</i>
RTCP	<i>Real Time Control Protocol</i>
RTF	<i>Rich Text Format</i>
RTP	<i>Real Time Protocol</i>
RTS	<i>Request-To-Send</i>
RxD	<i>Data Receiving</i>

## S

SA	<i>Source Address / Security Association</i>
SAM	<i>Security Account Manager</i>
SAP	<i>Service Access Point / Service Advertising Protocol</i>
SAPI	<i>Service Access Point Identifier</i>
SAR	<i>Segmentation And Reassemble</i>
SAS	<i>Single Attachment Station</i>

SCO	<i>Santa Cruz Operation</i>
SCSI	<i>Small Computer System Interface</i>
ScTP	<i>Screened Twisted Pair</i>
SD	<i>Starting Delimiter</i>
SDH	<i>Synchronous Digital Hierarchy</i>
SDLC	<i>Synchronous Data Link Control</i>
SDSL	<i>Single-line Digital Subscriber Line</i>
SEAL	<i>Simple Efficient Adaptation Layer</i>
SFTP	<i>Simple File Transfer Protocol</i>
SFSK	<i>Sinusoidal Frequency Shift Keying</i>
SG	<i>Signal Ground / Signaling Gateway</i>
SLIP	<i>Serial Line Internet Protocol</i>
SMB	<i>Server Message Block</i>
SMF	<i>Single-Mode Fiber</i>
SMI	<i>Structure of Management Information</i>
SMP	<i>Symmetric Multiprocessing</i>
SMTP	<i>Simple Mail Transfer Protocol</i>
SN	<i>Sequence Number</i>
SNA	<i>Service Network Architecture</i>
SNAP	<i>SubNetwork Access Protocol</i>
SNMP	<i>Simple Network Management Protocol</i>
SNR	<i>Signal-to-Noise Ratio</i>
SNTTP	<i>Simple Network Time Protocol</i>
SPAP	<i>Shiva Password Authentication Protocol</i>
SPD	<i>Security Policy Database</i>
SPDU	<i>Session Protocol Data Unit</i>
SPI	<i>Service Parameter Index</i>
SPX	<i>Sequenced Packet eXchange</i>
SRM	<i>Security Reference Monitor</i>
SS	<i>Socket Services / Spread Spectrum</i>
SS-7	<i>Signaling System no.7</i>
SSAP	<i>Source Service Access Point</i>
SSCS	<i>Service Specific Convergence Sublayer</i>
SSH	<i>Secure SHell Protocol</i>
STA	<i>Station Adapter / Spanning-Tree Algorithm</i>
STP	<i>Shielded Twisted Pair</i>
SVC	<i>Switched Virtual Circuit</i>
SVR4-UX	<i>At&amp;T System V Release 4 Unix</i>
SYN	<i>Synchronize flag</i>

## T

Tbps	<i>Tera bits-per-second</i>
TA	<i>Terminal Adapter</i>
TC	<i>Transmission Convergence</i>
TCL	<i>Tool Command Language</i>
TCM	<i>Trellis Coded Modulation</i>
TCP	<i>Transmission Control Protocol</i>
TCP/IP	<i>Transport Control Protocol/Internet Protocol</i>
TDM	<i>Time Division Multiplexing</i>
TDMA	<i>Time Division Multiple Access</i>

TE	<i>Terminal Equipment</i>
TEI	<i>Terminal Endpoint Identifier</i>
Telnet	<i>Virtual Terminal Connection</i>
TFM	<i>Tamed Frequency Modulation</i>
TFTP	<i>Trivial File Transport Protocol</i>
TIA	<i>Telecommunication Industry Association</i>
TIME	<i>Time of Day Protocol</i>
ToS	<i>Type of Service</i>
TL	<i>Total Length</i>
TPDU	<i>Transport Protocol Data Unit</i>
TSAPI	<i>Telephony Services Application Programmable Interface</i>
TSM	<i>Telephony Signaling Module</i>
TTL	<i>Time-To-Live</i>
TTY	<i>TeleTYpe</i>
TxD	<i>Data Transmission</i>

## U

UA	<i>User Agent</i>
UART	<i>Universal Asynchronous Receiver- Transmitter</i>
UDP	<i>User Datagram Protocol</i>
UNI	<i>User-Network Interface</i>
UPS	<i>Uninterruptible Power Supply</i>
URG	<i>Urgent flag</i>
URI	<i>Uniform Resource Identifier</i>
URL	<i>Uniform Resource Locator</i>
URN	<i>Uniform Resource Name</i>
USB	<i>Universal Serial Bus</i>
UTP	<i>Unshielded Twisted Pair</i>
UUCP	<i>Unix-to-Unix Copy Program</i>

## V

VBR	<i>Variable Bit Rate</i>
VCI	<i>Virtual Channel Identifier</i>
V/FoIP	<i>Voice/Fax-over-IP</i>
VPI	<i>Virtual path Identifier</i>
VLAN	<i>Virtual Local Area Network</i>
VoATM	<i>Voice-over-ATM</i>
VoDSL	<i>Voice-over-Digital Subscriber Line</i>
VoFR	<i>Voice-over-Frame Relay</i>
VoIP	<i>Voice-over-IP</i>
VoN	<i>Voice-over-Network</i>
VoP	<i>Voice-over-Packet</i>
VPM	<i>Voice Packet Module</i>
VPN	<i>Virtual Private Network</i>
VSF	<i>Vestigial Side Band</i>
VT	<i>Virtual Terminal / Vertical Tab</i>
VxD	<i>Virtual Device Driver</i>

**W**

WAN	<i>Wide Area Network</i>
WDMA	<i>Wavelength Division Multiple Access</i>
WFQ	<i>Weighted Fairly Queuing</i>
WINS	<i>Windows Internet Name Service</i>
WLAN	<i>Wireless Local Area Network</i>
WM	<i>Wireless Medium</i>
WWW	<i>World Wide Web</i>

**X**

XNS	<i>Xerox Network Standard</i>
XPSN	<i>X.25 Packet Switched Network</i>