LIST OF ACRONYMS

ACRONYM	DEFINITION
2.5G	two-and-a-half-generation
3CP	Command, Control and Communications Process (in Appendix A, Technical)
3DES	triple data encryption standards
3G	third generation
3GPP	third generation partnership project

A

AAA	administration, authorization, and authentication
AAL	ATM adaptation layer
AAN	application aware network
AATOS	Alternative Access to Operator Services
ABR	available bit rate
ACD	automatic call distributor
ACL	access control list
ACO	Administrative Contracting Officer
ACP	action control point
ACR	anonymous call rejection
ACS	Audio Conferencing Services
ACT	accounting control transaction
ADM	asynchronous disconnected mode
ADPCM	adaptive pulse code modulation
ADR	alternate destination routing
ADR	alternate dispute resolution

ADSL	asymmetric digital subscriber line
AERS	alternate enhanced redirect solutions
AES	advanced encryption standards
AGC	Automatic Gain Control
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AGN	AT&T Global Network
AGS	AT&T Government Solutions
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AHC	agency hierarchy code
AHS	Application Hosting Services
AIOD	automatic identification of outward dialing
AIS	automated information system
ALC	agency local contact
ALDS	Applications Layer Data Service
ALG	application layer gateway
ALNP	aggregated line and node protection
AMI	alternate mark inversion
AMIS	audio message interface specification
AMPS	Advanced Mobile Phone Service
AMSC	American Mobile Satellite Corporation
AMSS	Advanced Mobile Satellite Service
ANI	automatic number identification, automatic number information
ANIRA	AT&T's network-based Internet protocol virtual private network remote access
ANS	Automatic Noise Suppression

ANSI	American National Standards Institute
AOTDR	automated optical time domain reflectometer
AOTS	AT&T One Ticket System
APCO	Association of Public-safety Communications Officials
API	application programming interface
APN	access point name
APOC	advanced paging operators code
APS	automatic protection switching
AQL	acceptable quality level
AR	access router
ARACS	access router auto configuration system
ARM	AT&T Resource Manager
ARS	automatic route selection
AS	application server
ASA	adaptive security algorithm
ASC	accredited standards committee
ASCII	American Standard Code for Information Exchange
ASON	automatic switched optical network
ASN	AT&T switched network
ASP	applications services provider
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ASR	Automatic Speech Recognition
ASRN	Agency service request number
ASTN	automatic switched transport network
ASYNC	asynchronous
ATB	all-trunks-busy
ATIS	Alliance for Telecommunications Industry Solutions

ATM	asynchronous transfer mode
ATMF	asynchronous transfer mode forum
ATMS	Asynchronous Transfer Mode Service
ATO	authority to operate
AU	authorized users
AUP	acceptable use policy
AVI	audio visual interleave
AVM	anti-virus management
AVMS	Anti-virus Management Service
AVVID	Architecture for Voice, Video, and Integrated Data (Cisco product name)

B

B8ZS	binary, 8 zero substitution line code
BBAA	broad band access arrangement
BBAS	Broadband Access Services
BBKUP&R	backup and restore
BBS	broadband switching system
BDM	bill data mediation
BE	border edge
BE	border element
BECN	backward explicit congestion notification
BER	bit error ratio
BERT	Bit Error Rate Testing
BGAN	Broadband Global Area Network (Inmarsat service)
BGP	border gateway protocol
BITS	building integrated timing system
BLSR	bidirectional line switched ring

BMO	Business Management Office
BMP	business maintenance platform
BNC	connector for coaxial cable
BOC	Bell Operating Company
BOD	bandwidth on demand
███	████████████
BOM	bill of materials
bps	bits per second
BPSR	bidirectional path switched ring
BR	basic router
BRI	basic rate interface
BRM	business reference model
BS	British standard
BSC	binary synchronous communication
BSS	Broadcast Satellite Services
BT	burst tolerance

C

C&A	Certification and Accreditation
CA	Communications Assistant (Federal Relay Service)
CAD-CAM	computer-aided design and computer-aided manufacturing
CALEA	Communications Assistance for Law Enforcement Agencies
CAP II	computer access protocol number II
CAS	channel associated signaling
CAS	cost accounting standards
CBB	common backbone
CBD	commercial business district
CBR	constant bit rate

CBS	committed burst size
CBWFQ	class based weighted fair queuing
CCAMP	common control and measurement plane
███	████████████████
CCE	call control element
CCEP	NSA Commercial ComSec Endorsement Program
CCIR	International Radio Consultative Committee
CCITT	International Telegraph and Telephone Consultative Committee
CCR	Central Contractor Registration
CCRT	customer care router tool
CCS	Contact Center Services
CCS	common channel signaling
CCSA	CheckPoint Certified Security Administrator
CCSE	CheckPoint Certified Security Engineer
CCTV	closed circuit television
CD	chromatic dispersion
CD-ROM	compact disk read only memory
CDA	Contracts Disputes Act
CDD	custom design document
CDG	code division multiple access (CDMA) Development Group
CDMA	code division multiple access
CDNS	Content Delivery Network Services
CDPD	cellular digital packet data
CDPDS	Cellular Digital Packet Data Service
CDR	Call Detail Record
CDR	committed data record

CDRL	Contract Data Requirements List
CDS	Cellular Dispatch Services
CDU	clock distribution unit
CDV	cell delay variation
CE	customer edge
CELP	code excited linear predictive
CERT	Computer Emergency Response Team
CES	Circuit Emulation Services
CFO	Chief Financial Officer
CFR	Code of Federal Regulations
CHS	Collocated Hosting Services
CIO	Chief Information Officer
CIPS	Converged Internet Protocol Services
CIR	committed information rate
███	█████████████████████
CISSP	Certified Information System Security Professionals
CITS	combat information transport system
CLEC	competitive local exchange carrier
CLIN	Contract Line Item Number
CLLI	common language location identifier
CLNS	Connectionless Network Service
CLO	control link oscillator
CM	Configuration Management
CMC	common messaging calls
CMM	Capability Maturity Model
███	███████████████████████████████
CMMTS	Customer-Monitored Managed Transport Services

CNAM	caller name
CNI	common network interface
CNM	customer network management
CNMC	Cable Network Maintenance Center
CNMS	Customer Network Management Services
C.O.	Contracting Officer
COAX	coaxial cable
COD	connection oriented data
codec	coder-decoder
ComPAS	Comparison of Publicly Available Services
COMSEC	communications security
CONOP	concept of operation
CONUS	contiguous United States
COOP	continuity of operations
COR	Contracting Officer's Representative
CORBA	common object request broker architecture
COS	Class of Service
CoSS	Collaboration Support Services
COT	cumulative outage time
COTR	Contracting Officer's Technical Representative
COTS	commercial off-the-shelf
CoW	cell on wheels
CPAB	Contractor Provided and Agency Based
CPAL	Contractor Provided Agency Location
CPC	calling party's category

CPCB	Contractor Provided and Contractor Based
CPCL	Contractor Provided Contractor Location
CPCS	Cellular/Personal Communications Service
CPDF	central personnel data file
CPE	customer premises equipment
CPO	Contractor's Program Organization
CPNI	customer proprietary network information
CPU	central processing unit
CRAC	computer room air conditioner
CRC	cyclic redundancy check
CRL	certification revocation list
CRM	customer relationship management
CRP	customer routing point
CS	Combined Services
CSA	Communications Service Authorization
CSC	Customer Service Center; Computer Sciences Corporation
CSDE	Customer Specific Design and Engineering
CSDES	Customer Specific Design and Engineering Services
CSDS	Circuit Switched Data Services
CSFM	custom spam filter management
██████	████████████████████████████████
CSIRT	Computer Security Incident Response Team
CSO	Customer Service Office
██████	███████████████████████
CSR	Customer Service Representative
CSR	customer specified routing
CSRA	customer specified routing and avoidance

CSS	Circuit Switched Service
CSTA	computer supported telephony applications
CSU	channel service unit
CSU/DSU	channel service unit/data service unit
CSV	comma separated values
CTF	Convergence Task Force
CTI	computer telephony integration
CTP	Comprehensive Transition Plan
CTP	common test platform
CTS	Comprehensive Telecommunications Services
CTS	Consolidated Telecommunications Services
CUG	closed user group
CV	code violation
CVE	common vulnerability exposure
CVS	Cellular Voice Service
███	█████████████████
CWD	customer want date
CWDM	coarse wavelength division multiplexing

D

DA	Domain Analysis
DAA	designated approving authority
DAC	dial around the cloud
DACS	digital access cross-connect systems
DAR	Designated Agency Representative
DARPA	Defense Advanced Research Agency
DASD	direct attached storage device
dB	decibel

DBCES	dynamic bandwidth circuit emulation
███████	████████████████████████
DBoR	database of record
DC	direct current
DCA	distributed component architecture
DCCS	digital cross connects systems
DCE-RPC	distributed computing environment-remote procedure calls
DCID	Director of Central Intelligence Directive
DCS	digital cross-connect switch
DCSS	digital conferencing switching system
DCTN	Defense Commercial Telecommunications Network
DDA	domain-defined attribute
DDR	data delivery rate
DEA	Drug Enforcement Administrator
DECNet	Digital Equipment Corporation Protocol
███████	████████████████████████
DECT	disaster engineering connection technology
DES	Data Encryption Standard
DFS	Dark Fiber Services
DHCP	dynamic host configuration protocol
DHS	Dedicated Hosting Services
███████	████████████████████████
DID	direct inward dialing
DiffServe TE-MAR	differentiated service traffic engineering-maximum allocated resource
DIRECT	disaster intelligent recovery engineering connection technology

DIS	draft international standard
DISA	Defense Information System Agency
DISCO	Defense Industrial Service Clearance Office
DISN	Defense Information Services Network
DITCO	Defense Information Technology Contracting Office
DITSCAP	DoD Information Technology Security Certification and Accreditation Process
DLCI	data link connection identifier
DLS	data link switching
DMRC	device monthly recurring charge
DMS	Defense Message System
DMT	Distributed Mission Training
DMVPN	dynamic multipoint virtual private network
DMZ	demilitarized zone
DNA	dynamic network application
DNI	dialed number identification
DNIS	Destination Number (Dialed Number) Information Service
DNRC	device nonrecurring charge
DNS	domain name service
DOCSIS	data over cable service interface specifications
DoD	Department of Defense
DOD	direct outward dialing
DOS	denial of service
DPM	defects per million
DR	disaster recovery
DRM	data reference model
DRO	disaster recovery option

DROT	Disaster Recovery Operations Team
DS	digital signal level n
DS0	digital signal zero
DSA	digital signature algorithm
DSCP	differentiated services code point
DSL	digital subscriber line
DSLAM	digital subscriber line access multiplexer
DSR	daily system report
DSS	digital signature standard
DSS1	digital subscriber signaling system number 1
DSU	data service unit
DSX	Digital Signal Cross-connect
DTE	data terminal equipment
DTMF	dual tone multifrequency
DTS	Dedicated Transmission Services; Diplomatic Telecommunications Service
DUNS	Data Universal Numbering System
DVD ROM	digital video disk read only memory
DWDM	dense wavelength division multiplexing

E

E911	enhanced 911
E-LAN	Ethernet private local area network
E-LINE	Ethernet private line
E-POP	electronic-point of presence
ECOS	end-to-end Class of Service
ECC	Emergency Communication Center
ECR	enhanced call routing

ECRM	electronic customer relationship management
ECS	Electronic Commerce Service
ECTF	Enterprise Computer Telephony Forum
EDGE	enablement and debugging of growing enterprises
EDGE	enhanced data for GPRS evolution
EDRO	enhanced diversity routing option
EFMA	Ethernet in the First Mile Alliance
EFT	electronic funds transfer
EGP	exterior gateway protocol
EIA	Electronic Industries Alliance
EIGRP	enhanced interior gateway routing protocol
EIT	electronic information technology
EM	element manager
EMEA	Europe, Middle East, and Africa
EMS	Electronic Messaging Services
EMS	element management systems
EN	Event Notification
EOP	Executive Office of the President
EOS	elements of service
EPA	Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act of 1986
ePO	ePolicy Orchestrator
EPR	emergency performance routing
EPRO	e-Procurement Requisition Processing
ER	extended reach
ERMS	Email Response Management Service

ERP	Emergency Response Plan
ERP	enterprise resource planning
ERTNR	enhanced real-time network routing
ES	error second (optical)
ESCON	enterprise system connection
ESF	extended superframe
ESMR	enhanced specialized mobile radio
EthS	Ethernet Services
ETR	external timing reference
ETS	emergency telecommunications support
ETSI	European Telecommunications Standard Institute
EVC	Ethernet virtual connection, Ethernet virtual circuit

F

FAR	Federal Acquisition Regulation
FASTAR	fast automatic restoration system
FAX	facsimile
FB	fixed bandwidth
FC	fiber channel
FCC	Federal Communications Commission
FCIA	Fiber Channel Industry Association
FCP	fiber channel protocol
███	████████████████████████████
FDDI	fiber distributed data interface
FDM	frequency division multiplexing
FDMA	frequency division multiple access
FDP	fiber distribution panel
FEA	Federal Enterprise Architecture

FEC	forward error connection
FECN	forward explicit congestion notification
FedCIRC	Federal Computer Incident Response Center
FED-STD	Federal Standard
FFP	firm fixed price
FIB	forwarding information base
FICON	fiber connectivity
FIPS	Federal Information Processing Standard
FIRST	Forum of Incident Response and Security Team
FISMA	Federal Information Security Management Act
Fm-Fm	Find Me Follow Me
FO	fail open
FOA	firm order acceptance
FOC	full operating capability
FOCN	firm order commitment notice
FODM	fail open detection and mitigation
FOIA	Freedom of Information Act
FOTS	fiberoptic transport system
FPMR	federal property management regulations
FPR	Final Proposal Revision
FR	frame relay
FRAD	frame relay access device
FRF	Frame Relay Forum
FRIP	Functional Requirements Implementation Plan
FRS	Frame Relay Services
FSDP	fiber service delivery point
FSO	free space optics

FSP	free space photonics (same as FSO)
FSS	Fixed Satellite Services
FT1	fractional t1
FT3	fractional t3
FTAS	fiber threat analysis system
FTP	file transfer protocol
FTR	Federal Telecommunications Recommendations
FTS	Federal Technology Service (Federal Telecommunications Service prior to October 1997)
FTS2001	Federal Telecommunications System 2001
FTTP	fiber to the premises
FUSF	Federal Universal Service Fund
FWTS	Federal Wireless Telecommunications Service

G

GAM	global account manager
████	████████████████████████████
GAO	General Accounting Office
GbE	Gigabit Ethernet
Gbps	Gigabit per second
Gbyte	Gigabyte
GCL	Government Communications Laboratory
GCRA	generic cell rate algorithm
GCSC	Global Customer Support Center
GEICO	Government Employees Insurance Company
GETN	Government Education & Training Network
GETS	Government Emergency Telecommunications Service
GFE	Government furnished equipment

GFMS	global fraud management system
GFP	Government furnished property (formerly Government furnished equipment)
GFP	generic framing procedure
GGSN	gateway general support node
GHz	Gigahertz
GIAC	Global Information Assurance Certification
GIDC	global internet data center
GIF	graphics interchange format
GigE	Gigabit Ethernet
GIGR	Gigabit Internet gateway router
GMIS	government managed internet service
GMPLS	generalized multiprotocol label switching
GMS	Government Management Service
GNOC	Global Network Operations Center
GoS	grade of service
GOTS	Government-Off-The-Shelf
GPMP	General Project Management Plan
GPRS	General Packet Radio Services
GPS	global positioning system
GQ	generational qualifier
GRE	general routing encapsulation protocol
███	████████████████████
GSA	General Services Administration
GSAM	GSA Acquisition Manual
GSA FTS	General Services Administration, Federal Technology Service

GSAR	GSA Regulation
GSII	Government Services Information Infrastructure
GSM	Global System For Mobile Communications
██████	████████████████
GSS	AT&T Global Strategic Sourcing
GTCOMM	globally transportable satellite packages
GUI	graphical user interface
GVTP	General Verification Test Plan

H

H-VPLS	hierarchical VPLS
HazMat	hazardous materials
HAZWOPER	Hazardous Waste Operations and Emergency Response
HBA	host bus adapter
HCO	hearing carry over
HDPE	high-density polyethylene
HF	high frequency
HID	host intrusion detection
HITS	Hawaii Information Transfer System
HLR	home location register
HPC	high probability of completion
HPPI	high performance parallel interface
HR	human resources
HSD	high-speed data
HSDPA	high-speed downlink packet access
HSPS	High-Speed Packet Services
HSSI	high speed serial interface
HTML	HyperText Markup Language

HTTP	HyperText transfer protocol
HTTPS	HyperText transfer protocol secure
HVAC	heating, ventilation, and air conditioning

I

I/O	input/output
IA	Information Assurance
IAC	Interagency Committee
IAM	initial address message
IA/RA	Interactive Announcement/Response Arrangement
██████	████████████████████████
IC	integration contractor
ICB	individual case basis
ICC	Implementation Control Center
ICI	inter carrier interface
ICM	Intelligent Contact Management (Cisco)
ICMP	internet control message protocol
ICP	intelligent call processing
ICS	incident command structure
██	████████████████████████████████
ID	identification (user)
IDC	Internet Data Center
IDIQ	indefinite delivery, indefinite quantity
IDLH	immediately dangerous to life or health
i-DNS	Intelligent-Delivery Network Services
IDPS	Intrusion Detection and Prevention Service
IDS	intrusion detection systems
IDSL	ISDN DSL

IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
IEMS	International Emergency Multimedia Service
IETF	Internet Engineering Task Force
IFS	Internet Facsimile Service
iGEMS	Integrated Global Enterprise Management System
IGMP	Internet group management protocol
IGRP	interior gateway routing protocol
IIF	interworking and interoperability function
ILEC	incumbent local exchange carrier
IM	inverse multiplexing
IM (UMS)	instant messaging
IMA	inverse multiplexing over ATM
IMAP	Internet message access protocol
IMC	Interagency Management Council
IMP	Implementation Management Plan
IMS	Internet protocol multimedia subsystem
IMS	incident management system
IMSI	International Mobile Subscriber Identity
IMT	international mobile telecommunications
INC	international carrier
INCITS	International Committee for Information Technology Standards
INMARSAT	International Maritime Satellite Organization
INRS	Incident Response Service
INSTAR	IP Network Systems and Asset Resource
INT	integer function

IOC	inter-office channel
IOM	integrated order manager
IOPS	input/output per second
IOS	intelligent optical switch
IP	Internet protocol
IPA	identity proofing agent
IPBE	Internet protocol border element
IPeFR	Internet protocol-enabled frame relay
IPL	international private line
IPM	interpersonal messaging
IPPM	Internet Protocol (IP) Protocol Network
IPS	Internet protocol service
IPSec	IP Security
IPT	Integrated Product Team
IPTelS	IP Telephony Service
IP-VPNS	Internet Protocol-Virtual Private Network Service
IPVTS	Internet Protocol Video Transport Services
IPX	Internet protocol exchange
IR1-SLM	intermediate reach – single – longitudinal mode
IRAS	integrated routing assignment system
I.R.C.	Internal Revenue Code
IRFC	Internet route free core
██████	████████████████████
IRS	Internal Revenue Service
IRU	indefeasible rights of use
IS-41	North American Standard for Wireless Telecommunications Network Signaling

ISARS	information security analysis and requirements specification
ISC	inter system channel
iSCSI	Internet protocol small computer system interface
ISDN	integrated services digital network
ISDNUP	ISDN user part
IS-IS	intermediate system to intermediate system
ISM	information security manager
ISN	Internet Security News Network
ISO	International Organization for Standardization
ISP	internationally standardized profile; also, Internet service provider
ISSEP	information systems security engineering professional
IT	information technology
ITFS	international toll-free service
███	████████████████████████████████
ITS	Institute for Telecommunication Sciences
ITU	International Telecommunications Union
ITU-T	International Telecommunications Union-Telecommunications
ITU-TSS	International Telecommunications Union-Telecommunications Service Sector
IVR	interactive voice response
IXC	inter-exchange carrier

J

JIT	just-in-time
JPEG	Joint Photographic Experts Group

kbps	kilobit per second
KP	Key Personnel
KPI	Key Performance Indicator

L

L2TP	Layer 2 tunneling protocol
L2VPNS	Layer 2 Virtual Private Network Services
LAN	local area network
LAP	link access protocol
LAPB	link access protocol basic for X.25
LAPD	link access protocol for D channel signaling (ISDN)
LATA	local access and transport area
LBR	low-bit rate
LC-CELP	low complexity - code excited linear predictive
LCAS	link capacity adjustment scheme
LCD	liquid crystal display
LDAP	lightweight directory access protocol
LDIF	lightweight directory access protocol data interchange format
LDP	label distribution protocol
LEC	local exchange carrier
LEO	low earth orbit
LERG	local exchange routing guide
LFD	large file download
LGC	local government contact
LH	long haul
LLDS	Link Layer Data Service
LMDS	Local Multipoint Distribution System

LMR	land mobile radio
LMRAS	Land Mobile Radio Access Services
LMRS	Land Mobile Radio Services
LND	last number dialed
LNP	local number portability
LNS	local network service
LOH	line overhead
LONESTAR	local network services technology recovery
LPR	local primary reference
LR	long reach
LR1-SLM	long reach – single – longitudinal mode
LSMR	local span mesh restoration
LSO	local serving offices
LSP	label switch path
LWS	Lucent Worldwide Services

M

MAA	Metropolitan Area Acquisition
MAC	mandatory access control
M/A/C	move/add/change
MAN	metropolitan area network
MAP	mobile application part
MAPI	message application program interface
MAR	maximum allocation resource
MARC	multi-Agency radio communications
MARO	Managed Internet Service Access Redundancy Options
MARO-BNR	Managed Internet Service Access Redundancy Options-Backbone Node Redundancy

MAS	messaging applications server
MAS	Multiple Award Schedule
Mbps	megabit per second
MBS	maximum burst size
MCB	management control bridge
MCC	migration control center
MCR	minimum cell rate
MCS	mobile switching center
MCS	measurement collection server
MCSE	Microsoft Certified Systems Engineer
MCU	multipoint control unit
MEAS	Managed E-Authentication Service
MEF	Metro Ethernet Forum
MEGACO	media gateway control
MEN	metro Ethernet network
MF	multifrequency
MFAB	major failure action binder
MFI	multifunction interpreter
MFS	Managed Firewall Service
MGCP	media gateway control protocol
MIB	management information base
MIDS	Managed Intrusion Detection Service
MIME	multipurpose Internet mail extensions
MIP	Major Incident Plan
MIP	Migration Interconnection Plan
MIS	Managed Internet Service
MITT	Medical Information Technology Transition

MLPP	multilevel precedence and pre-emption
MMC	multimedia commands
MMDS	Microwave Multipoint Distribution Service
MMP	Migration Management Plan
MMRC	maintenance monthly recurring cost
MMS	Multimedia Messaging Service
MNS	Managed Network Services
MOPS	management and operations
MOS	mean opinion score
MOU	minutes of use
MPEG	Moving Picture Experts Group
MP-iBGP	multiprotocol internal border gateway protocol
MPIN	Marketing Partner Identification Number
MPLS	multiprotocol label switching
MPOP	minimum point of penetration
MRC	monthly recurring charge
MRG	minimum revenue guarantee
MS	media server
MS	MicroSoft
MS-SQL	Microsoft-Structured Query Language
MSA	Metropolitan Statistical Area
MSA	multiservice access
MSC	mobile switching center
MSCC	managed services support center
MSE	multiservice edge
MSP	multiservice platform
MSPRing	multiplex shared section protection ring

███	████████████████
MSS	Mobile Satellite Service
MTA	message transfer agent
MTBF	mean time between failures
████	████████████████████████
MTP	message transfer part
MTS	Managed Telecommunications Services
MTSO	Mobile Telephone Switching Office
MTSP	multitier security profiles
MTSS	Managed Tiered Security Services
MTTR	mean time to repair
MTTR	mean time to restore
MUA	mail user agent
MUX	multiplexor
MWI	message waiting indicator
MWLANS	Multimode/Wireless Local Area Network Services

N

NAAR	next available agent routing
NACSZ	name, address, city, state, zip code
NAICS	North American Industry Classification System
NANP	North American Numbering Plan
NANPA	North America Numbering Plan Administration
NASA	National Aeronautics and Space Administration
NAT	network address translation
NBIP-VPNS	Network-Based Internet Protocol Virtual Private Network Service
NCAS	non-call associated signaling

NCP	network control point
NCS	National Communications System
NDC	National Data Center
NDO	Network Duty Officer
NDR	Network Disaster Recovery
NDS	Network Deployment Services (now called NIDS)
NDS	Non-Developmental Software
NE	network element
NEBS	Network Equipment Building Systems
NEC	Nippon Electric Company
NECA	National Exchange Carrier Association
NESV	network edge switch vehicle
NetDB	network debugger
NFM	network fault management
NFPA	National Fire Protection Association
NG	next generation
NGBE	network gateway border element
NGN	next generation network
NIACAP	National Information Assurance Certification and Accreditation Process
NIC	network interface card
NIC	network information centralizer
NID	network intrusion detection
NIDR	network information discovery and retrieval
NIDS	Network Integration & Deployment Services
NII	national information infrastructure
NISCAP	National Information Security Certification and Accreditation

	Process
	Process
NISPOM	National Industrial Security Program Operating Manual
NIST	National Institute of Standards and Technology
NIU	Network Interface Unit
NIUF	National ISDN Users Forum
NLDS	Network Layer Data Service
NLSP	netware link services protocol
NM	network management
NMC	Network Management Center
NMC	network management control
NMLI	native mode local area network interconnection
NMM	network monitoring and management
NMS	network management server
NMS	Network Management System
NNI	network-network interface
NNTP	network news transfer protocol
NOC	Network Operations Center
NPA	Numbering Plan Area
NPM	National Project Management
NPP	Natural Presenter Package
NPR	National Performance Review
NPV	net present value
NRA	network remote access
NRC	non-recurring charge
NRE	network routing engine
NRIC	National Reliability Industry Council
NRIC	Network Reliability and Interoperability Council

NROC	Northern Regional Operations Center
NS/EP	National Security/Emergency Preparedness
NS/EPCC	National Security/Emergency Preparedness Control Center
NSA	National Security Agency
NSC	network services complex
NSCM	Networx sales channel manager
NSIE	network security information exchange
NSIS	next steps in signaling
NSP	not separately priced
NSS	Network Scanning Service
NSTAC	National Security Telecommunications Advisory Committee
NT	network termination
NT	number translation
NT	non-traceability
NTIA	National Telecommunications and Information Administration
NTMS	National Telecommunications Management Structure
NTP	network time protocol
NTSC	National Television Standards Committee
NUI	network user identification
NXX	office code where n=2-9 and x=0-9
NZDF	non-zero dispersion fiber
NZDS	non-zero dispersion shifted

O

OA	optical amplifier
OADM	optical add-drop multiplexer
OAM	operations, administration, and management

OAMP	one-way active measurement protocol
OAM&P	operations, administration, maintenance and provisioning
OASIS	Organization for the Advancement of Structured Information Standards
OC	optical carrier
OCD	operational capability demonstration
OCDD	online call detail data
OCN	Operating Company Number
OC-N	optical carrier level-N
OCONUS	outside contiguous United States
OCP	optical control plane
OEO	optical-electrical-optical
OFDM	orthogonal frequency division multiplexing
OGP	Office of Government-wide Policy
OIF	Optical Internetworking Forum
OMB	Office of Management and Budget
ON	optical networking
OOB	out-of-band
OPM	Office of Personnel Management
OPS	One-Way Paging Service
OPT	Office of Priority Telecommunications
ORT	operations readiness test
OS	operating system
OSE	open system environment
OSF	Open Software Foundation
OSI	open systems interconnect
OSNR	optical-signal to-noise ratio

OSPF	open shortest path first
OSS	operational support system
OSWF	onsite workforce
OTA	over the air
OTAR	over-the-air-rekeying
OTC	Office of the TSP Coordinator
OTDR	optical time domain reflectometer
OTGR	optical transport generic requirements
OTM	Office of Transition Management
OTM (SONET)	optical terminal multiplexer
OTN	optical transport network
OVO	open view operations
OVPN	optical virtual private network
OWS	Optical Wavelength Service

P

PAB	Personal Address Book
PagS	Paging Service
PAL	phase alternation by line
PAO	Product and Assurance Office
PAR	Personnel Action Request
PARTIES	Protected Area Run Time Interface Extension Services
PAT	port address translation
PAV	percentage allocation value
PBIP-VPNS	Premises-Based-Internet Protocol Virtual Private Network Services
PBSA	Performance-Based Service Acquisition

PBX	Private Branch Exchange
PC	personal computer
PCE	path computation element
PCM	pulse code modulation
PCMCIA	Personal Computer Memory Card International Association
PC(O)	permanent connection (optical)
PCO	Procuring Contracting Officer
PCR	peak cell rate
PCS	Personal Communications Service
PDA	personal digital assistant
PDF	portable document format
PDN	pseudo destination number
PDU	protocol data unit
PDU (DHS)	power distribution unit
PE	provider edge
PED	price engine documentation
PEP	performance enhancement proxy
PERCEVAL	performance evaluator
PFL	performance factor level
PG	peripheral gateways
█████	████████████████
PIC	primary interexchange carrier
PICC	pre-subscribed interexchange carrier charge
PIN	personal identification number
PIP	Picture-in-Picture
PIR	peak information rate
PKCS	Public Key Cryptography Standards

PKI	public key infrastructure
PL	private line
PLS	private line service
PLxML	Phone Line Extensible Markup Language
PMD	polarization mode dispersion
PMM	price management mechanism
PMO	Program Management Office
███████	██
PMP	Program Management Plan
PNBE	peer network border element
POC	Point Of Contact
POCSAG	Post Office Code Standardization Advisory Group
POH	path overhead
PON	passive optical network
POP	point of presence
POP3	Post Office Protocol Version 3
POP4	Post Office Protocol Version 4
POR	plan of record
POS	packet over SONET
POSAG	Post Office Standardization Advisory Group
POSIP	packet over SONET interface processor
POTS	plain old telephone service
PPA	Pollution Prevention Act
PPIRS	past performance information retrieval system
PPP	point to point protocol
PPSN	public packet switched network
PPSNGR	public packet switched network generic requirement

PPTP	point to point tunneling protocol
PRI	primary rate interface
PRM	performance reference model
PRQS	Performance, Reliability, and Quality Committee
PRS	primary reference source
PSAP	public safety answering point
PSMP	Project-Specific Management Plan
PSN	public switched network
PSS	Packet Switched Service
PSTN	public switched telephone network
PTMP	Preliminary Transition Management Plan
PTSC	Packet Technology and Systems Committee
PTSC-SAC	Packet Technology and Systems Committee on Signaling, Architecture, and Control
PTT	Postal Telephone and Telegraph
PVC	permanent virtual circuit
PWE	pseudo wire emulation

Q

QA	quality assurance
Q-i-Q	Q-tag in Q-tag
QoS	quality of service
QWERTY	Standard Layout Keyboard

R

RA	Registration Authority
RADIUS	Remote Authentication Dial-up Service
RAID	Redundant Arrays of Inexpensive Disks
RAM	roaming authorization per mobile MSC

RAMP	radio access mail protocol
RAPID	restoration and provisioning integrated design
RBGAN	regional broadband global area network
RCS	routing control system
RD	Requirements Development
RD-LAP	radio data-link access protocol
RDC	Regional Data Center
RDR-A	remote data replication for archiving
RDR-M	remote data replication for mirroring
RESP ORG	responsible organization
RF	radio frequency
RFC	Request for Comment
RI	reporting interval
RIP	routing information protocol
RM	Requirements Management
RMB	Risk Management Board
RMP	risk management process
RNC	restoration node controller
ROE	right of entry
ROW	rest of world
RPH	resource priority header
RPI	routing pattern index
RPR	resilient packet ring
RRAP	repetitive routing attempt procedure
███	██████████████████
RSA	rural service area
RSVP	resource reservation setup protocol

RT	route target
RTAP	real-time attack prevention
RTCP	real-time transport control protocol
████	████████████████████████████
RTNR	real-time network routing
RTO	recovery time objectives
RTP	real-time protocol
RTP	reliable transport profile
RTP	real-time transport protocol
RTT	radio transmission technology
RUBY	rule building capability

S

SAC	Service Access Code
SAC	signaling, architecture, and control
SAFER	split access flexible egress routing
SAG	Senior Advisory Group
SALT	Speech Application Language Tags
SAM	SCSI-3 Architecture Model
SAN	storage area networks
SANS/FBI	SysAdmin, Audit, Network, Security Institute/Federal Bureau of Investigation
████	██████████████████████
SASS	Shared Access for Switched Services
SatAA	satellite access arrangement
SatAS	Satellite Access Service
SB	service broker
SBP	serial bus protocol

SB/SDB	Small Business/Small Disadvantaged Business
SBU	sensitive but unclassified
SC	service coordinator
SC (O)	switched connection (optical)
███	██████████████████████
SCAMP	security call analysis and monitoring platform
SCCP	skinny client control protocol
SCE	service creation environment
SCI	sensitive compartmented information
SCIF	Sensitive Compartmented Information Facility
SCR	selective call rejection
SCR	sustained cell rate
█████	████████████████████████
SCSI	small computer system interface
SDDN	software defined data network
SDH	synchronous digital hierarchy
SDI	Strategic Defense Initiative
█████	████████████████████████
SDLC	synchronous data link control
SDN	software defined network
SDN-NRA	Software Defined Network-Network Remote Access
SDN-SMS	Software Defined Network-Service Management System
SDP	Service Delivery Point
SDPP	Service Delivery Project Plan
SDS	Switched Data Service
SDSL	Symmetric digital subscriber line
SECAM	Système Electronique Couleur Avec Memoire

SED	service enabling device
SEMP	Systems Engineering Management Plan
██████	████████████████████████
SES	SCSI enclosure services
SES (OWS)	severe error seconds
SETA	system engineering and technical assistance
SF (SONET)	super frame format
SFP	Small Form-factor pluggable optics
SFTP	secure file transfer protocol
SGSN	serving GPRS support node
SHA	secure hash algorithm
SIA	Site Interface Agreement
SIC	service initiation charge
██████	█████████████████████████
SIM	subscriber identity module
SIMPLE	Session Initiation Protocol and Presence for Instant Messaging Leveraging Extensions
SINA	static integrated network access
SIOP-ESI	single integrated operational plan-extremely sensitive information
SIP	session initiation protocol
SIPUA	session initiation protocol user agent
SLA	Service Level Agreement
SLM	Statistical Language Models
SLO	Service Level Objective
SMC	SCSI-3 medium changer commands
SMD	Supplier Management Division

SMDI	simple message desk interface
SME	subject matter expert
SMEMS	Secure Managed Email Services
SMIR	Single-mode Fiber, Intermediate Range
SMOLTS	single mode optical line test sets
SMF	single-mode fiber
SMS	service management system
SMS	Short Messaging Service
SMSC	Short Messaging Service Center
SMTP	simple mail transfer protocol
S/N	signal-to-noise
SNA	system network architecture
███	███████████████████
SNI	SNA network interconnect
SNIA	Storage Networking Industry Association
SNMP	simple network management protocol
SNOC	Secure Network Operations Center
SNPP	simple network paging protocol
SNRC	service node routing complex
SO	Service Order
SO	Special Operations
SOA	service oriented architecture
█████	██████████████████████████
SOAP	simple object access protocol
████	████████████████
SOC	Service Order Confirmation
SOCN	Service Order Completion Notice

SOH	section overhead
SOHO	small office, home office
SoIP	Services over Internet Protocol
███████	████████████████████████████████
SONET	synchronous optical network
SONETS	synchronous optical network services
SOP	security operating procedures
SOSS	server and operating system support
████	████████████████
SPAWAR	Space & Naval Warfare Systems Command (U.S. Navy)
SPC	soft permanent connection
SPC-1	SPC Benchmark-1
SPC (SS)	Storage Performance Council
SPE	SONET payload envelope
SPF	Shortest Path First
SPIT	spam over Internet protocol telephony
SPO	Strategic Planning Office
SPOC	single point-of-contact
SPS	standard positioning service
SPX/IPX	sequenced packet exchange/internet packet exchange
SQL	service quality level
SQL	Structured Query Language
SQRT	square root function
SR	short reach
SRM	service component reference model
SR-MLM	short reach multi-longitudinal mode
SS	Storage Services

SS7	Signaling System 7
SSA	serial storage architecture
SSA	Source Selection Authority
SSAA/SSP	System Security Authorization Agreement/System Security Plan
SSF	standard single-mode fiber
SSH	secure shell
██	███████████████████
SSL	Secure Sockets Layer
SSM	Statistical Semantic Models
ST	scheduled transfer
STA	SCSI Trade Association
██	██████████████████
██	████████████████████████
STM-N	synchronous transport mode level N
STP	shielded twisted pair
STS	synchronous transport signal
STS-N	synchronous transport signal Level-N
STU-III	secure telephone unit III
STSN	speech to text services network
SVC	switched virtual circuit
SVS	Switched Voice Service
SWC	Serving Wire Center

T

TA	terminal adaptor
TA	token authentication
TACACS	Terminal Access Controller Access Control System

TALS	time division multiplexing (TDM) access line service
TAP	telocator alphanumeric protocol
TAP	traffic analysis platform
TAPI	telephony application program interface
TAPS	ticket analysis performance system
TAS	Traffic Analysis Service
TB&R	tape backup and restore
TCB	technical control bridge
TCC	Transition Control Center
TCIF	Telecommunications Industry Forum
TCM	traffic capacity management
TCO	TSP Coordinator's Office
TCO	total cost of ownership
TCOS	traveling classmark
TCP	transmission control protocol
TD	transport demultiplexing
TDD	Telecommunications Device for the Deaf
TDD/TTY	Telecommunications Device for the Deaf/Teletypewriter
TDM	time division multiplexing
TDMA	time division multiple access
TE	traffic engineering
TE	terminal equipment
TELNET	Terminal-remote Host Protocol Program
TE-MAR	traffic engineering-maximum allocated resources
TESP	telecommunications electric service priority
TFMM	toll-free multimedia
TFS	Toll-Free Service

TIA	Telecommunications Industries Association
TIFF	Tag Image File Format
▮▮	▮▮▮▮▮▮▮
TIMO	Transition, Implementation, Migration Office
▮▮▮	▮▮▮▮▮▮▮
TIN	Taxpayer Identification Number
TKIP	temporal key integrity protocol
TLS	transport layer security
TMF	TeleManagement Forum
TMN	total management network
TMO	Technology Management Office
TMP	Transition Management Plan
▮▮	▮▮▮▮▮▮
▮▮	▮▮▮▮▮
Tn	trunk level n
TNPP	telocator network paging protocol
TO	task order
TOD	time of the day
TOF	technical order form
TOH	transport overhead
TOPS	Telecommunications Ordering and Pricing System
TP	Transition Plan
TP (Billing)	FTS Non-Itemized Purchase Order
TPA	TP Agreement
TPS	Two-Way Paging Service
TRACS	Total Router Access Configuration System
TRM	Technical Reference Model

TS	Telecommunications Services, Trade Study
TSA	Transportation Security Administration, Time Slot Alignment
TSAA	terminating switched access arrangement
TSAPI	telephony services application program interface
TS/SCI	Top Secret/Sensitive Compartmented Information
TSG	timing signal generator
TSI	Time Slot Interchange
TSNOW	transport service now
TSP	telecommunications service priority
TSR	terabit switch router
TSS	telecommunications service sector
TTR	Time to Restore
TTS	text to speech
TUI	telephony user interface
TWS	Teleworking Services

U

UBI	unique billing identifier
UBR	unspecified bit rate
UBS	unclassified but sensitive
UDP	user datagram protocol
UFR	unspecified frame relay
UI	user interface
UIFN	Universal International Free Phone Number
UITN	Universal International Toll-Free Number
ULH	ultra longhaul
UM	unified messaging
UMS	Unified Messaging Services

UMTS	Universal Mobile Telecommunications System
UN	United Nations
UNI	user-to-network interface
UPS	uninterruptible power supply
UPSR	unidirectional path switch ring
URL	uniform resource locator
US-CERT	United States-Computer Emergency Readiness Team
USC	United States Code
USF	Universal Service Fund
USNO	United States Naval Observatory
███	███████████████████
UTC	universal time code
UTP	unshielded twisted pair

V

V&H	vertical and horizontal coordinates
VAS	value added service
VBR	variable bit rate
VBR-NRT	variable bit rate-non real time (also known as NRT-VBR)
VBR-RT	variable bit rate-real time
VC	virtual circuit
VC (SONET)	virtual container
VCAT	virtual concatenation
VCC	virtual channel connections
VCO	voice carry over
VESDA	very early smoke detection apparatus
VFRnrt	variable frame rate-non real time
VFRrt	variable frame rate-real time

VIF	vertical inlaid fiber
VINES	Virtual Integrated Network Service
VIP	verification internet protocol
VIS	Voice Information System
VLAN	virtual local area network
VLDB	very large database
VNS	Victim Notification System
VoATM	voice over asynchronous transfer mode
VOD	video-on-demand
VoFR	voice over frame relay
VoIP	voice over Internet protocol
VoIPTS	Voice over Internet Protocol Transport Services
VPAT	Voluntary Product Accessibility Template
VP/VC	virtual path/virtual channel
VPIM	voice profile for Internet mail
VPLS	Virtual Private Local Area Network Service
VPN	virtual private network
VPNMon	Virtual Private Network Monitoring
VPVN	virtual private voice network
VPWS	Virtual Private Wire Service
VRF	virtual routing and forwarding
VRU	voice response unit
VS	Voice Services
VSAT	very small aperture terminal
VSR	very short reach
VSS	Vulnerability Scanning Service
VT	virtual tributary

VT1.5	Virtual Tributary 1.5
VTS	Video Teleconferencing Services
VTU	Video Terminal Unit
VXML	voice eXtensible markup language

W

W-CDMA	wideband-code division multiple access
WACFO	where available commercially from offeror
WAN	wide area network
WAP	wireless application protocol
WCS	Web Conferencing Services
WCTP	wireless communications transfer protocol
WDM	wavelength division multiplexing
WDPDS	Wireless Digital Packet Data Service
WEP	wireless encryption protocol
WEP (TWS)	wired equivalent privacy
WFM	workforce management
WGI	within grade increase
WiFi	wireless fidelity
WISP	wireless Internet service provider
WIPN	Wireless Private Network
WLAN	wireless local area network
WLNAA	wireline access arrangement
WLNAS	Wireline Access Service
WLSAA	wireless access arrangement
WLSAS	Wireless Access Service
WMM	wireless fidelity multimedia
WNCC	Wireless Network Control Center

WORM	write once, read many
WPA	Works Progress Administration
WPS	Wireless Priority Service
WRED	weighted random early detection
WWW	worldwide web
WZ1	World Zone 1

X

XML	Extensible Markup Language