Glossary

ACSE	Association Control Service Element
ANSI	American National Standards Institute
APDU	Application Protocol Data Unit
ARQ	Automatic Repeat Request
ASE	Application Service Element
ASN.1	Abstract Syntax Notation 1
ATM	Asynchronous Transfer Mode
BER	Basic Encoding Rules
CA	Certification Authority
CBC	Cipher Block Chaining
CCITT	Comité Consultatif International de Telephonique et Telegraphique (International Consultative Committee of Telephony and Telegraphy)
CEP	Connection End-Point
CEPI	Connection End-Point Identifier
CFB	Cipher Feed-Back
CLNP	Connectionless Network Protocol
CLNS	Connectionless Network Service
CONS	Connection-Oriented Network Service
C-VOPS	C-language Virtual Operating System
DES	Data Encryption Standard
DIS	Draft International Standard
DoD	Department of Defense
DP	Draft Proposal

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DSA	Directory Server Agent
DUA	Directory User Agent
D-VOPS	Distributed Virtual Operating System
ECB	Electronic Code Bood
EDI	Electronic Data Interchange
EDP	Electronic Data Processing
EESP	End-to-End Security Protocol
EESP	End-to-End Security Protocol
EFSA	Extended Finite State Automaton
EFT	Electronic Funds Transfer
FDDI	Fiber Distributed Data Interface
FEAL	Fast Encryption Algorithm
FTAM	File Transfer, Access and Management
FTP	File Transfer Protocol
Gb	Gigabit (1,000,000,000 bits)
GOSIP	Government OSI Profile
IEEE	Institute of Electrical and Electronics Engineers
IP	Internet Protocol
IS	International Standard
ISDN	Integrated Services Digital Network
ISO	International Organization of Standardization
ISODE	ISO Development Environment
JTM	Job Transfer and Manipulation
kb	Kilobit (1,000 bits)

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LAN	Local Area Network
LLC	Logical Link Control
MAC	Medium Access Control
MAN	Metropolitan Area Network
Mb	Megabit (1,000,000 bits)
MHS	Message Handling System
MOTIS	Message-Oriented Text Interchange System
MS	Message Store
MTA	Message Transfer Agent
MTS	Message Transfer System
NBS	National Bureau of Standards (now NIST)
NCR	Network Connection Request (PDU)
(N)CR	(N) Connection Request (PDU)
N-CR	Network Connect Request (service primitive)
(N)-CR	(N) Connect Request (service primitive)
NIST	National Institute of Standardization (formerly NBS)
NSA	National Security Agency
NPDU	Network Protocol Data Unit
(N)PDU	(N) Protocol Data Unit
NSAP	Network Service Access Point
(N)SAP	(N) Service Access Point
NSDU	Network Service Data Unit
(N)SDU	(N) Service Data Unit
OFB	Output Feed-Back

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OSI	Open Systems Interconnection
P1	Protocol 1 (MTA-to-MTA protocol in X.400 MHS)
P2	Protocol 2 (UA-to-UA protocol in X.400 MHS)
PBX	Private Branch Exchange
PDN	Public Data Network
PDU	Protocol Data Unit
PIN	Personal Identity Number
PKC	Public Key Cryptosystem
PPDU	Presentation Protocol Data Unit
PSDU	Presentation Service Data Unit
PSTN	Public Switched Telephone Network
RDA	Remote Database Access
RFC	Request for Comment
ROS	Remote Operations
ROSE	Remote Operations Service Element
RSA	Rivest–Shamir–Adelman (a public key cryptosystem)
RTS	Reliable Transfer
SASE	Specific Application Service Element
SCSE	Secure Communications Service Element
SDU	Service Data Unit
SMIB	Security Management Information Base
SP3	Network Layer Security Protocol
SP4	Transport Layer Security Protocol
TCP	Transmission Control Protocol

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TP0	Class 0 Transport Protocol
TP4	Class 4 Transport Protocol
TPDU	Transport Protocol Data Unit
UA	User Agent
VAN	Value Added Network
VANS	Value Added Network Service
VLSI	Very Large Scale Integration
VOPS	Virtual Operating System
VT	Virtual Terminal
WAN	Wide Area Network
XNS	Xerox Network Systems