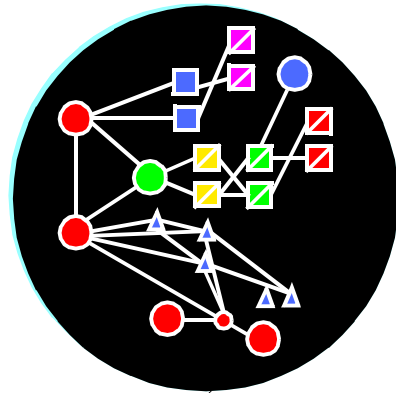


# SS7 Tutorial



## Acronyms Glossary

## A Glossary of Telecom Acronyms

Acronym	Meaning
ABS	Alternate Billing Service
ACD	Automatic Call Distributor
ACG	Automatic Code Gapping
ACK	Acknowledgment
ACM	Address Complete Message
AFR	Automatic Flexible Routing
AHT	Average Handle Time
AIN	Advanced Intelligent Network
AIOD	Automatic Identified Outward Calling
AMA	Automatic Message Accounting
AMATPS	AMA Teleprocessing System
AMP	AIN Maintenance Parameter
AMPS	Advanced Mobile Phone System
ANI	Automatic Number Identification
ANM	Answer Message
ANSI	American National Standards Institute
API	Application Programming Interface
APPN	Advanced Peer-to-Peer Networking
ARP	Address Resolution Protocol
ASA	Average Speed of Answer
ASCII	American Standard Code for Information Interexchange (ANSI)
ASE	Application Service Element
ASN.1	Abstract Syntax Notation 1
ATB	All Trunks Busy

## A Glossary of Telecom Acronyms

Acronym	Meaning
ATP	Acceptance Test Procedure
AUI	Attachment Unit Interface
BCD	Binary Coded Decimal
BCI	Backward Call Indicators
BCLID	Bulk Calling Line Identification
BCM	Basic Call Model
BER	Basic Encoding Rules
BG	Business Group
BGID	Business Group Identification
BGP	Border Gateway Protocol
BRI	Basic Rate Interface (ISDN)
BSN	Backward Sequence Number
CAC	Carrier Access Code
CAP	Competitive Access Provider
CC	Call Control
CCA	Call Control Adjunct
CCC	Clear Channel Capability
CCITT	Consultative Committee on International Telephone & Telegraph
CCS	Common Channel Signaling
CDAR	Customer Dialed Account Recording
CDMA	Code Division Multiple Access
CDP	Customized Dialing Plan
CDPD	Cellular Digital Packet Data
CDSL	Customer Digital Subscriber Line

## A Glossary of Telecom Acronyms

Acronym	Meaning
CED	Call Entered Digits
CGB	Circuit Group Blocking Message
CGSA	Cellular Geographic Service Area
CGU	Circuit Group Unblocking Message
CIC	Carrier Identification Code
CIDS	Calling Identity Delivery & Suppression
CL	Connectionless
CLID	Calling Line ID
CLLI	Common Language Location Identification
CMC	Cellular Mobile Carrier
CMS	(AT&T's) Call Management System
CNAB	Call Name Delivery Blocking
CO	Central Office or Connection Oriented
COT	Continuity Test Message
CPC	Call Processing Control
CPE	Customer Premises Equipment
CPG	Call Progress Message
CR	Conditional Requirement
CRA	Circuit Reservation Acknowledgment Message
CRC	Cyclic Redundancy Check
CRM	Circuit Reservation Message
CRP	Customer Routing Point
CS-1	Capability Set 1
CSC	Circuit Supervision Control

## A Glossary of Telecom Acronyms

Acronym	Meaning
CSU	Channel Service Unit
CT	Call Type
CVR	Circuit Validation Response Message
CVT	Circuit Validation Test Message
DACS	Digital Access Cross-Connect System
DCE	Data Circuit (terminating) Equipment
DLC	Digital Loop Carrier
DMP	Device Management Protocol
DMS	Digital Multiplex Switch
DMT	Discrete Multitone Technology
DN	Directory Number (SS7)
DN	Dialed Number
DNIS	Dialed Number Identification Service
DP	Dial Pulse
DPC	Destination Point Code
DSL	Digital Subscriber Line
DSU	Data Service Unit
DTE	Data Terminal Equipment
DTMF	Dial Tone Multifrequency
DUP	Data User Part
DXI	Data Exchange Interface
EA	Equal Access
EADAS	Engineering & Administration Data Acquisition System
EADASN	EADAS Network Administration

## A Glossary of Telecom Acronyms

Acronym	Meaning
EAO	Equal Access End Office
EAMF	Equal Access Multifrequency
EBCDIC	Extended Binary Coded Decimal Interchange Code
EDI	Electronic Data Interchange
EDP	Event Detection Point
EGP	Exterior Gateway Protocol (IETF)
EIA	Electronics Industry Association
EIR	Equipment Identification Register
EKTS	Electronic Key Telephone Service
EMS	Event Management Service
EO	End Office
ESME	External Short Message Entity
ESN	Electronic Serial Number
ETSI	European Telecommunications Standards Institute
EXM	Exit Message
FCS	Frame Check Sequence
FISU	Fill-in Signal Unit
FR	Frame Relay
FRAD	Frame Relay Access Device
FRL	Facility Restriction Level
FSD	Feature Specific Document
FSK	Frequency Key Shifting
FSN	Forward Sequence Number
FSS	Facility Selective Service

## A Glossary of Telecom Acronyms

Acronym	Meaning
FTE	Full Time Equivalent
FTP	Fast Transfer Protocol (IETF)
FUNI	Frame User Network Interface
FX	Foreign Exchange
GN	Generic Name
GRS	Group Reset Message
GSC	Gateway Switching Center
GSM	Global System for Mobile Communication
GTT	Global Title Translations
GTV	Global Title Value
GUI	Graphical User Interface
HDLC	High Level Data Link Control
HFC	Hybrid Fiber Coaxial Cable
HLR	Home Location Register
IAM	Initial Address Message
IC	Interexchange Carrier
ICP	Intelligent Call Processing
ICR	Intelligent Call Router
IDLC	Integrated Digital Loop Carrier
IDT	Integrated Digital Terminal
IEEE	Institute of Electrical and Electronics Engineers
IETF	Internet Engineering Task Force
IGP	Interior Gateway Protocol
INR	Information Request Message

## A Glossary of Telecom Acronyms

Acronym	Meaning
IP	Intelligent Peripheral or Internet Protocol (IETF)
IPC	Interprocess Communication
IPI	Intelligent Peripheral Interface
ISDN	Integrated Services Digital Network
ISDNUP	ISDN User Part
ISO	International Standards Organization
ISP	Intermediate Service Part
ISPC	International Signaling Point Code
ISUP	ISDN User Part (circuit related)
ITU	International Telecommunication Union
ITU-T	Telecommunication Standardization Sector (of ITU)
ITU-TS	Telecommunication Standardization Sector (of ITU)
IWX	Interworking Function
IXC	Interexchange Carrier
LAA	Longest Available Agent
LAN	Local Area Network
LATA	Local Access & Transport Area
LCN	Logical Channel Number (x.25)
LEC	Local Exchange Carrier
LI	Length Indicator
LNP	Local Number portability
LOCREQ	Location Request
LSSGR	LATA Switching & Signalling Generic Requirements
LSSU	Link Status Signaling Unit



## A Glossary of Telecom Acronyms

Acronym	Meaning
MAP	Mobility Application Part
MBG	Multi-switch Business Group
MCC	Mobile Country Code
MGW	Mini-Gateway Prototype
MIB	Management Information Base
MIN	Mobile Identification Number
MLHG	Multi-line Hunt Group
MMI	Man-Machine Interface
MSC	Mobile Switching Center
MSISDN	Mobile Station ISDN Number
MSO	Mobile Switching Office
MSU	Message Signaling Unit
MTP	Message Transfer Part
MTSO	Mobile Telephone Switching Office (Cellular)
MUX	Multiplexor
NA-TDMA	North American Time Division Multiple Access
NAA	Next Available Agent
NANP	North American Numbering Plan
NCA	Non-Call Associated
NCP	Network Control Point
NDC	National Destination Code
NETID	Network Identifier
NIC	Network Interface Controller
NMS	Network Management System

## A Glossary of Telecom Acronyms

Acronym	Meaning
NNI	Network-to-Network Interface or Network Node Interface
NT	New Technology (Windows)
OAM&P	Operations, Administration, Maintenance and Provisioning
ODBC	Open Database Connectivity
OE	Office Equipment
OMAP	Operations & Maintenance Application Part
OPC	Origination Point Code
OPI	Open Peripheral Interface
OS	Operations System
OSI	Open Systems Interconnection
OTA	Over The Air
OTGR	Operations Technology Generic Requirement
PAM	Pulse Amplitude Modulation
PANS	Pretty Amazing New Services (B-ISDN)
PBX	Private Branch Exchange
PCS	Personal Communications Services
PG	Peripheral Gateway
PIC	Point In Call
PIM	Peripheral Interface Manager
PPP	Point-to-Point Protocol
PRI	Primary Rate Interface
PROFREQ	Profile Request
PSN	Alternative to PSTN (Public Switched Telephone Network)
PSTN	Public Switched Telephone Network

## A Glossary of Telecom Acronyms

Acronym	Meaning
RADIUS	Remote Authentication Dial-In User Service
RARP	Reverse Address Resolution Protocol
REGNOT	Registration Notification
RISC	Reduced Instruction Set Computing
ROUTREQ	Routing Request
SANC	Signaling Area Network Code
SAP	Service Access Point
SCCP	Signaling Connection Control Part
SCP	Service Control Point (SS7)
SCPC	Single Channel Per Carrier
SDLC	Synchronous Data Link Control
SDSL	Symmetric Digital Subscriber Line
SEP	Signaling Endpoint
SF	Status Field
SI	Service Indicator
SIB	Status Indicator Busy
SIF	Signaling Information Field
SIO	Signaling Information Octet
SLC	Signaling Link Code
SLIP	Serial Line Internet Protocol
SLP	Service Logic Program
SLS	Signaling Link Selection
SMDS	Switched Multimegabit Digital Service
SMPP	Short Message Peer to Peer

## A Glossary of Telecom Acronyms

Acronym	Meaning
SMS	Service Management System
SMTP	Simple Mail Transfer Protocol
SNMP	Simple Network Management Protocol (IETF)
SS7	Signaling System #7
SSP	Service Switching Point
STP	Signaling Transfer Point
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol
TDMA	Time Division Multiple Access
TUP	Telephone Users Part
UDP	User Datagram Protocol
UDT	Unitdata
UDTS	Unitdata Service
VAD	Voice Activated Dialing
VANC	Voice Activated Network Control
VLR	Visitor Location Register
VPN	Virtual Private Network
VRU	Voice Response Unit
WAN	Wide Area Network
WATS	Wide Area Telephone Service

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Host independent controller board embedded with full Signaling System No.7 (SS7) functionality.

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