GLOSSARY

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This glossary includes acronyms and terms used in this document, along with a number of terms used in other Cisco BTS 10200 Softswitch documentation and the voice-over-IP industry.

A

AAA	Authorization, Authentication, and Accounting
AC	automatic callback
AC_ACT	automatic callback activation
AC_DEACT	automatic callback deactivation
ACG	automatic call gap
ACR	anonymous call rejection
ACR_ACT	anonymous call rejection activation
ACR_DEACT	anonymous call rejection deactivation
ACRA	anonymous call rejection activation
ACRD	anonymous call rejection deactivation
ADSL	asymmetric digital subscriber line
AGW	access gateway
AIN	Advanced Intelligent Network
AIOD	automatic identified outward dialing
ALI	automatic location identification
AMA	automated message accounting
ANC	Announcements module
ANI	automatic number identification
ANS	announcement server
ANSI	American National Standards Institute

API	application programming interface
AR	automatic recall
AR_ACT	automatic recall activation
AR_DEACT	automatic recall deactivation
AT	access tandem
ATA	analog telephone adaptor
ATIS	Alliance for Telecommunications Industry Solutions
ATM	Asynchronous Transfer Mode
AUEP	audit-endpoint

B

B-number	DN that a user enters as the forward-to number, also referred to as MN
BAF	Bellcore AMA format
BBG	basic business group
BCM	Basic Call module
BDMS	Bulk Data Management System
BEM	billing event message
BGDP	basic group dialing plan
BGL	business group line
BIND	Berkeley Internet Name Daemon
BLA	billing adapter
BLV	Busy Line Verification
BP	block pair
BRIDS	Bellcore rating input database system
BS	billing server
BTA	basic trading area

C

CA	Call Agent
CAC	carrier access code
CAD	CORBA adapter interface
CALEA	Communications Assistance for Law Enforcement Act
CAMA	centralized automatic message accounting
CAS	Channel-Associated Signaling
CAT	customer access treatment
CBLK	call block (reject caller)
CBR	constant bit rate
CCS	common channel signaling
CCW	cancel call waiting
CDB	call detail block
CDP	custom dial plan
CDR	call detail record
CE	computing element
CFB	call forwarding on busy
CFBVA	call forwarding on busy variable activation
CFBVD	call forwarding on busy variable deactivation
CFNA	call forwarding on no answer
CFNAVA	call forwarding on no answer variable activation
CFNAVD	call forwarding on no answer variable deactivation
CFU	call forwarding unconditional
CFUA	call forwarding unconditional activation
CFUD	call forwarding unconditional deactivation
CFVBBG	call forwarding variable for basic business group
CFVABBG	CFVBBG activation
CFx	A general reference to all of the forwarding features (CFB, CFNA and CFU)

Cisco BTS 10200 Softswitch System Description, Release 7.0

CHD	call hold
CIC	circuit identification code, carrier identification code
CID	calling identity delivery; caller ID. *See also* CND
CIDB	calling identity delivery blocking
CIDCW	calling identity delivery on call waiting
CIDS	calling identity delivery and suppression (per call)
CIDSD	calling identity delivery and suppression (per call)—delivery part
CIDSS	calling identity delivery and suppression (per call)—suppression part
CIP	carrier identification parameter
CLASS	custom local area signaling services
CLC	carrier liaison committee
CLEC	competitive local exchange carrier
CLEI	common language equipment identifier
CLI	command-line interface
CLIP	calling line identification presentation
CLIR	calling line identification restriction
CLLI	Common Language Location Identifier
CMIP	Common Management Information Protocol
CMS	call management system
CMTS	Cable modem termination system
CNAB	calling name delivery blocking
CNAM	calling name delivery
CND	calling number delivery, calling number display
CNDB	calling number delivery blocking
CNM	connection module, customer network management
CO	central office
COCUS	central office code utilization survey
CODEC	coder/decoder, compression/decompression
COPS	Common Open Policy Service Protocol

CORBA	Common Object Request Broker Architecture
COS	class of service
COT	customer-originated trace, continuity testing, central office termination
CPCN	certificate of public convenience and necessity
CPE	customer premises equipment
CPRK	call park
CPRK_RET	call park retrieve
CPSG	call park subscriber group
CPU	call pickup, central processing unit
CS	capability set (for example, CS-2)
CSA	callpath services architecture
CSN	circuit switched network
CSR	carrier sensitive routing
CT	call transfer, call type
CVR	circuit validation response
CVT	circuit validation test
CW	call waiting
CWI	call waiting indication

D

DA	directory assistance, distinctive alerting
DACWI	distinctive alerting call waiting indication
DPN	directed call pickup without barge-in
DPU	directed call pickup with barge-in
DF	delivery function (CALEA)
DID	direct inward dialing
DLEC	data local exchange carrier
DN	directory number

DND	do not disturb
DNIS	dialed number identification service
DNS	domain name system
DOD	direct outward dialing
DOW	day of week
DOY	day of year
DP	dial plan, dial pulse, demarcation point
DPN	directed call pickup without barge-in
DPN_O	directed call pickup without barge-in (originate)
DPN_T	directed call pickup without barge-in (terminate)
DPU	directed call pick-up with barge-in
DPU_O	directed call pickup with barge-in (originate)
DPU_T	directed call pickup with barge-in (terminate)
DQoS	dynamic quality of service
DRCW	distinctive ringing/call waiting
DRCW_ACT	distinctive ringing/call waiting activation
DPC	destination point code
DQoS	dynamic quality of service
DSL	digital subscriber line
DSP	digital signal processing
DSX	digital system cross-connect frame
DTMF	dual tone multifrequency

E

E-1	European equivalent of T1
E-911	Enhanced 911
E & M	"Ear and Mouth" switch-to-switch signaling on PSTN
EA	equal access

EC	echo cancellation
ECSA	Exchange Carriers Standards Association
EDP	event detection point
EM	event message
EMS	Element Management System, Event Messages Specification (PacketCable)
eMTA	Embedded multimedia terminal adapter
EPOM	Extensible Provisioning and Operation Manager
ERC	easily recognizable codes
ERQNT	Embedded Request for Notification
ESB	Emergency Service Bureau
ESL	emergency service line
ESP	encapsulating security payload
ETSI	European Telecommunications Standards Institute

F

FCAPS	fault, configuration, accounting, performance, and security
FCI	furnish charging information
FCP	Feature Control Protocol
FGB	Feature group B
FGD	Feature group D
FIM	feature interaction manager
FS	Feature Server
FSAIN	Feature Server for Advanced Intelligent Network services
FSPTC	Feature server for POTS, Tandem, and Centrex services
FTP	File Transfer Protocol
FXO	Foreign Exchange Office
FXS	Foreign Exchange Station

G

GAP	generic address parameter
GSM	global system for mobile communications
GUI	graphical user interface

H

HFC	hybrid fiber coax
HLR	home location register
HNPA	home numbering plan area
HTML	Hypertext Markup Language
HTTP	Hypertext Transfer Protocol

I

IAD	integrated access device
IANA	Internet Assigned Numbers Authority
IAP	intercept access point
ICAP	Inter-call Agent Protocol
ICMP	Internet Control Message Protocol
IDDD	international direct distance dialing
IE	information element
IETF	Internet Engineering Task Force
IKE	Internet key exchange
ILEC	incumbent local exchange carrier
IMT	intermachine trunk
IN	intelligent network
INC	Industry Numbering Committee
IP	Internet Protocol
IPM	impulses per minute

IPsec	Internet Protocol (IP) security
IRDP	ICMP Router Discovery Protocol
ISA	ISDN adapter
ISDN	Integrated Services Digital Network
ISFG	Incoming simulated facility group
ISO	International Organization for Standardization
ISP	Internet service provider
ISS	ISDN stack
ISUP	ISDN user part
ITP	IP transfer point
ITU	International Telecommunications Union
IVR	interactive voice response
IXC	interexchange carrier

J

JCA	Java cryptography architecture, Java console agent
JCM	Java console module
JDBC	Java database connectivity
JMS	Java message service

K

KAM	keepalive module
Kbps	kilobits per second
KDC	key distribution center

L

LAF	log archive file
LAN	local area network

LATA	local access and transport area
LCD	limited call duration
LCR	least cost routing
LDAP	Lightweight Directory Access Protocol
LEC	local exchange carrier
LERG	local exchange routing guide
LIDB	line information database
LNP	local number portability
LPC	local point code
LRN	local routing number
LRQ	location request (H.323 signaling)
LRU	least recently used
LSA	local serving area
LSSGR	LATA Switching Systems Generic Requirements

M

Mbps	megabits per second
MCF	multiple call forwarding
MCS	media gateway control stack
MDC	midcall
MDN	multiple directory numbers
MF	multifrequency
MGA	media gateway adapter
MGC	media gateway controller
MGCP	Media Gateway Control Protocol
MGW	media gateway
MIB	Management Information Base
MIME	Multipurpose Internet Mail Extensions

MLHG	multiline hunt group
MN	*See* B-number
MNM	maintenance module
ms	millisecond
MSA	Metropolitan Statistical Area
MSU	message signal units
MTA	Multimedia terminal adapter
MTP	Message transport part
MTU	maximum transmission unit
MWI	message waiting indicator

N

NANP	North American Numbering Plan
NANPA	North American Numbering Plan Administration
NAS	network access server
NCS	Network-Based Call Signaling protocol
NE	network element
NEBS	Network Equipment Building Standards
NFAS	Non-Facility Associated Signaling
NIS	network information service
NMS	network management system
NO	network operator
NOA	nature of address
NOC	network operations center
NOD	nature of dial
NPA	Numbering Plan Area
NSE	name signaling event
NTP	Network Time Protocol

NU	network unit
nxx	NANP digits: n=2, 3, …9 and x=0, 1, …9

O

OAM	operations, administration, and maintenance, operations administration module
OAM&P	operations, administration, maintenance, and provisioning
OCB	outgoing call barring
OCN	operating company number
OBCSM	originating basic call state machine
OI	operator interrupt
OLI	originating line information
OMS	OptiCall Messaging System
OPC	originating point code
OPT	Open Packet Telephony
OS	operating system
OSA	open service adapter
OSFG	outgoing simulated facility group
OSI	Open Systems Interconnection
OSS	Operations Support System
OSSGR	Operator Services Systems Generic Requirements

P

PBX	private branch exchange
PCM	pulse code modulation
PCMA	pulse code modulation A law
PCMU	pulse code modulation mu law
PCPS	Per-call presentation status
PCS	personal communications services

PCSNDB	personal communications services numbering database
PDU	power distribution unit
PIC	presubscribed interexchange carrier; point in call
PLT	platform
POI	point of interface, point of interconnection
POP	point of presence
POPD	public office dialing plan
POSIX	Portable Operating System Interface UNIX
POTS	plain old telephone service
PPP	Point-to-Point Protocol
PPQ	point-to-point queuing
PPS	permanent presentation status
PRI	primary rate interface
PS	presentation status
PSAP	public safety answering point
PSTN	public switched telephone network
PVC	permanent virtual circuit

Q

QoS	quality of service
QVT	query verification tool

R

RACF	remote activation of call forwarding
RACF-PIN	remote activation of call forwarding personal ID number
RADIUS	remote authentication dial-in user service
RAID	redundant array of inexpensive disks
RAS	remote access server
	Registration, Admissions, and Status (signaling function in H.323 for communications to gatekeeper)

RCF	remote call forwarding
RDBS	routing database system
RDM	redundancy module
RDT	recall dial tone
RFC	Request for Comment (IETF)
RGW	residential gateway
RIP	Routing Information Protocol
ROH	receiver off hook
RPC	remote point code, remote procedure call
RQNT	request for notification
RR	resource record
RSA	rural service area
RSIP	restart in progress
RSM	resource module
RSVP	Resource Reservation Protocol
RTM	routing module
RTP	Real Time Transport Protocol
R-UDP	Reliable User Datagram Protocol (Cisco Systems proprietary signaling backhaul protocol)

S

SA	security association
SAC	service access calls
SAI	signaling adapter interface
SC1D	speed call 1-digit
SC1D_ACT	speed call 2-digit activation
SC2D	speed call 1-digit
SC2D_ACT	speed call 2-digit activation
SCA	selective call acceptance

SCA_ACT	selective call acceptance activation
SCF	selective call forwarding
SCF_ACT	selective call forwarding activation
SCP	service control point, signal control point
SCR	selective call rejection
SCR_ACT	selective call rejection activation
SDK	Software Development Kit
SDP	Session Description Protocol
SFG	simulated facility group
SFTP	Secure File Transfer Protocol (FTP)
SG	signaling gateway
SGCP	Simple Gateway Control Protocol
SIA	SIP adapter
SID	system identification number
SIGTRAN	Signaling Transport
SII	Cisco Service Independent Intercept architecture
SIM	service interaction manager
SIP	Session Initiation Protocol
SLE	screening list editing
SMA	SNMP adapter
SMDS	switched multimegabit data service
SMS	service management system
SNMP	Simple Network Management Protocol
SOHO	small office home office
SP	service provider
SPA	Self-Service Phone Administration
SPCS	stored program control system
SQL	Structured Query Language
SRST	Survivable Route Site Telephony

SS7	Signaling System 7
SSF	Service switching function
SSH	secure shell
SSL	secure sockets layer
SSP	service switching point, signal switching point
STP	signal transfer point
SVC	switched virtual circuit

T

T1	trunk level 1
T3	trunk level 3
TAP	Telocator Alphanumeric Paging Protocol
TBCSM	terminating basic call state machine
TCAP	Transaction Capabilities Application Part
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol
TDD	Telecommunications device for the deaf
TDM	time-division multiplexing
TDP	trigger detection point
TF	toll free
TG	trunk group
TGCP	Trunking Gateway Control Protocol
TGW	trunking gateway
TMN	Telecommunications Management Network
TNS	transit network selection
TOD	time of day
TOPS	traffic operator position system
TOS	type of service

TPM	terminating point master
TRS	telecommunications relay services
TSAP	transport service access point
TTY	text typewriter
TVT	translation verification tool
TWC	three-way calling

U

UAA	user authentication adapter
UAC	user agent client
UAS	user agent server
UBR	universal broadband router (Cisco)
UCD	uniform call distribution
UDP	User Datagram Protocol
URI	uniform resource identifier
URL	universal resource locator
USTWC	usage-sensitive three-way calling

V

VBR	variable bit rate
VLAN	virtual LAN
VMWI	visual message waiting indicator
VoATM	voice over ATM
VoIP	voice over IP
VSC	vertical service code

W

WAN	wide area network
WFI	waiting for instruction

X

*x***DSL**	(generic) digital subscriber line

Y

Z