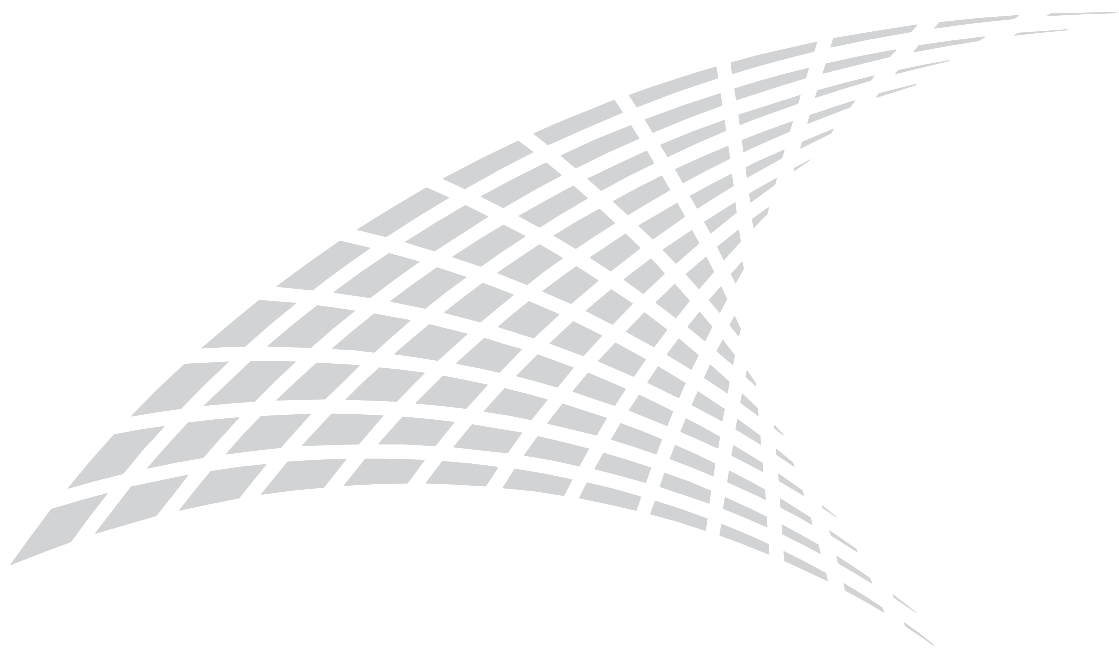


TRADECOM

Abbreviation & Glossary of Terms



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A

ADPCM	Adaptive Differential Pulse Code Modulation
AES	Advanced Encryption Standard
API	Application Program Interface
ARD	Automatic Ring Down – also known as PLARD. Private wire call type, where a pre-defined group of users can communicate with each other without dialling a number. User are automatically alerted when a user initiates a connection.
ARIA	iManager web based turret. Speakerbus name for the overall solution that allows users to remotely manage their turret instance from a web browser running on their computer

B

Blackfin	An Analog Devices DSP processor
BT	British Telecom

C

C	A programming language
C#	A programming language
CA	Certificate Authority
CAB	Customer Advisory Board
CAS	Channel Associated Signalling
CentOS	Linux distribution derived from sources freely provided to the public by Red Hat for Red Hat Enterprise Linux (RHEL)
CDR	Call Detail Record
CLI	Calling Line Identifier
Cron	Linux job scheduler
CSS	Cascading Style Sheets
CTI	Computer Telephony Integration

D

DDI	Direct Dial In numbers
DHCP	Dynamic Host Configuration Protocol
DMVS	Dynamic Multicast Voice Services. A proprietary Speakerbus protocol combining SIP, MCC, RTP and SbRTP to establish and manage low latency, feature rich voice services.
DMZ	De-Militarized Zone. A special local network configuration designed to improve security by segregating computers on each side of a firewall.
DND	Do Not Disturb
DNS	Domain Named Services
DSP	Digital Signal Processor



DTMF	Dual-Tone Multi-Frequency signalling system using the voice-frequency to send event codes
DS0	Digital Signal
DSCP	Differentiated Services Code Point

E

E1	A digital transmission link used in Europe and Australia
E&M	Earth and Magneto / Ear and Mouth Signalling
Endpoint	Speakerbus product supporting SIP communicating with the iCS

F

Fedora	A Linux distribution focussed on innovation and integrating new technologies early on.
FNU	Feature Notification Unit. A term used by Avaya to describe a proprietary Avaya message to control enhanced features on their PBX.
FQDN	Fully Qualified Domain Name
FXO	Foreign eXchange Office interface
FXS	Foreign eXchange Subscriber interface

G

G.711	An ITU-T standard for audio compressing
G.722	An ITU-T standard 7 kHz Wideband audio codec
G.723	An ITU-T standard ADPCM speech codec
G.729	An audio data compression algorithm for voice
GA	General Availability
Gateways	Speakerbus product supporting SIP used to convert RTP to another medium
Grub	Linux boot loader
GUI	Graphical User Interface

H

HA	High Availability
HDD	Hard Disk Drive
HOOT	Also referred to as Hoot-n-holler. A private call type where there is a permanent open circuit between two or more parties where anyone can speak at any time without the need to dial a number.
HTML	Hypertext Mark-up Language
HTTP	Hypertext Transfer Protocol
HTTPS	Secure Hypertext Transfer Protocol

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I

iCB	Speakerbus iManager CloudBase Server
iCDS	iManager Call Data Server
iCMS / iManager Portal	iManager Centralised Management System
iCS	iManager Communication Server
iD114	Speakerbus small endpoint device supporting 4 private wire calls
iD808	Speakerbus physical turret also called iTurret
IDE	Integrated Development Environment
iDUCX	Speakerbus virtual turret instance
IETF	Internet Engineering Task Force
IGMP	Internet Group Management Protocol
iGS	iManager Gateway Server
IIS	Internet Information Services
iMS	Speakerbus iManager Media Server
IP	Internet Protocol
IPC	Voice communication systems for financial companies
IPMI	Intelligent Platform Management Interface
IP-PBX	Internet Protocol Private Branch Exchange
IPsec	Internet Protocol Security
ISO	A computer file that is an exact copy of an existing file system. An ISO can contain the entire contents of a CD-ROM disc or CD medium.
IT	Information Technology
iTurret	Speakerbus physical turret, model number iD808
ITU-T	ITU Telecommunication standardisation sector
iWS	iManager Web Server

J

JavaScript	A programming language
JQuery	JQuery is a cross-platform JavaScript library
JSON	JavaScript Object Notation

K

Kickstarter	Linux Red Hat installation method
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L

LAN	Local Area Network
LDAP	Lightweight Directory Access Protocol
LED	Light-Emitting Diode
Linux	A Unix-like computer operating system
LXC	Linux Containers. An operating-system-level virtualization method for running multiple isolated Linux systems (containers) on a control host using a single Linux kernel



M

MAC	A media access control address (MAC address) of a computer is a unique identifier assigned to network interfaces
MariaDB	Community-developed fork of MySQL
MCC	Multicast Control Channel
MOH	Music On hold
MRD	Manual Ring Down. A private wire call type, where a pre-defined group of users can communicate with each other without dialling a number. Users can manually alert other users in the group at any time.
MRTG	Multi-Router Traffic Grapher
MWI	Message Waiting Indication
MVC	Model View Controller
MySQL	Database management system

N

.NET	Software framework developed by Microsoft
NAT	Network Address Translation
Node	One of the iCS servers used for resilience
Node.js	A JavaScript runtime built on Chrome's V8 JavaScript engine
NIC	Network interface Card

O

OAuth	An open protocol to allow secure authorisation
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P

P2P	Peer to Peer
PBX	Private Branch eXchange
PCM	Pulse Code Modulation
PLARD	Private Line Automatic Ring Down
PowerPC	A Freescale/NXP RISC (Reduced instruction set computing) Processor
PSTN	Public Switched Telephone Network
PSU	Power Supply Unit
PW	Private Wire(s) also known as Private Line(s)
Python	A programming language

Q

QoS	Quality of Service
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R

RAM	Random Accessible memory
Red Hat	A Linux distribution
REST	REpresentational State Transfer
RFC	Request for Comment. A type of publication from the Internet Engineering Task Force (IETF)
RHEL	Red Hat Enterprise Linux
RPM	Red Hat Package Manager
RTCP	RTP Control Protocol (RTCP) is a sister protocol of the Real-time Transport Protocol (RTP)
RTP	Real Time Protocol

S

SaaS	Software as a Service
SB534	Speakerbus non-IP legacy communications servers
SbRTP	Speakerbus Real Time Protocol
SDP	Session Description Protocol
SIP	Session Initiation Protocol
SIP URI	SIP Uniform Resource Identifier
SKYPE	Microsoft application for making voice and video internet calls
SOA	Service-Orientated architecture
SME	Small and medium-sized enterprises
SNMP	Simple Networked Management Protocol
SRTP	Secure Real Time Protocol
SSL	Secure Socket Layer
SSH	Secure Shell Cryptographic Network Protocol
STUN	Session Traversal Utilities for NAT
SQL	Structured Query Language
SVGA	Super Video Graphics Array

T

T1	A digital transmission link used in North America and Asia
TCIA	The TRADECOM turret GUI
TCP	Transmission Control Protocol
TFTP	Trivial File Transfer Protocol
Translation Service	Speakerbus component allowing the iCS to communicate with non- Service SIP systems
TURN	Traversal Using Relays around NAT
TTL	Time To Live

U

UCS	Unified Communications Server
UDP	User Datagram Protocol
URL	Uniform Resource Locator



UTF8 Unicode Transformation Format using 8-bit blocks to represent a character

V

VAD Voice Activity Detection
VLAN Virtual Local Area Network
Voice Services Collective term for telephone-like calls, Hoots, ARDs and MRDs
VOIP Voice Over Internet Protocol
VPW Virtual Private Wire also known as Virtual Private Line. Call type that emulates a private wire call by hiding the dialled number from the user.

W

WAN Wide Area Network
WebRTC Web Real-time Communication
Wireshark Network packet analyser

X

XML eXtensible Markup Language



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