CIP-5000

Creative



CIP-5000 1U Module

A Versatile System

CIP 5000 - 1U Module is a versatile hardware that can function as a standalone IP-PBX with SIP switching at its core or it can work as a media gateway when registered to a central Soft-switch. Each standalone box supports multiple protocols for ease of operations. It is designed with IMS architecture in mind yet can provide all the enterprise features in a standalone mode. It can further cascade for seamless connectivity with adjacent similar switches in a network thus providing immense amount of resilience.

CIP 5000-1U Module offers connectivity to all legacy and next generation telecom networks right from POTS, PSTN, ISDN, E1/PRI to GSM to IP,in a single box. It provides easy migration from legacy systems to current and new-age IP based infrastructure. Innovative, reliable and scalable,the CIP 5000- 1U Module integrates voice, video and are loaded with business-enhancing features such as Unified Communications with integrated Voice Mail, Contact Center etc.

Functionality

- Universal Port Architecture for TDM ports
- SIP extensions upto 128 / SIP Trunk upto 30 Channel
- Built in Voicemail
- 16 FXS expandable 96 FXS ports with add on cards
- Built-in auto attendant with voice guidance for operator less operations.
- Easy integration with Property Management
- Solutions and Call Accounting Systems.
- Large Call Buffer -12,000 Calls
- AC/ DC power option
- Support Radio (UHF/VHF) connectivity(RIC)
- Auto sensing of extension loop length for minimum power consumption
- Long Loop analog subscribers up to 12 KM
- Programmable gain setting for all ports
- QSIG Support
- Redundancy of Ethernet ports to give
- Redundant Ethernet Link
- Redundant optical Fiber link (optional)
- Video Calling using Video IP phone
- Guard against Toll Fraud / DOS attack
- Provides standard set of subscriber features with Caller ID display (with name)
- User friendly GUI for system management
- Feature rich Automatic Call Distribution (ACD)
- Message waiting Lamp support on analog Subscriber (MWL)
- 4 X 16 Party Meet me Conferencing.
- Use of industrial grade components for very high MTBF.
- Low power consumption by use of high efficiency power circuit and control circuits.
- Protection against transients on each line.
- Compact, light weight and standard 19 inch rack mountable cabinet.
- Smart Mobility usingMobile phones
- CLI Based routing
- Flexible Numbering plan up to 8 digit
- PMS/HMS Integration

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Specifications

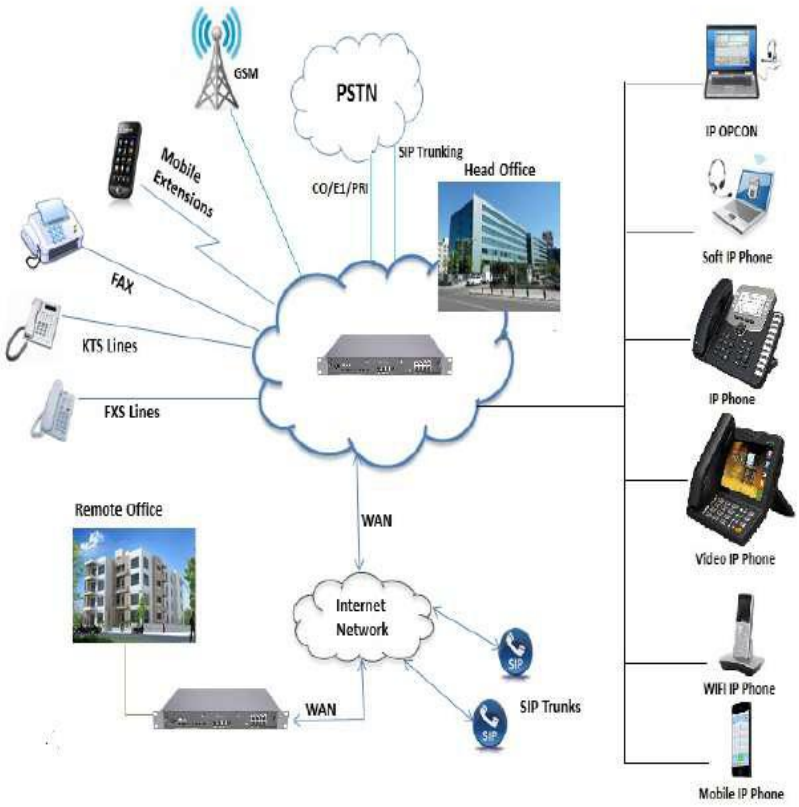
Technology	-	IP at Core
Architecture	-	Universal Slot
Interface Support	-	IP & TDM
Ethernet port	-	02 Redundant Gigabit Ethernet Ports (Optional Optical ports)
IP interface	-	SIP User/ SIP Trunks
Cabinet	-	1U, 19" Rack Mount

Subscriber options

- Analog Extension
- Digital Key Phone
- IP Phone
- Video IP Phone
- Soft Phone client
- PC based Operator Console

Interface Supported

Analog Trunk	- 04 to 12
Digital Subscribers	- 04 to 12
Analog Subscriber	- 16 to 96
ISDN PRI	- 01 to 02
GSM (2G,3G,4G)	- 04 to 08
RIC	- 02
External Paging & Alarm/Siren Port	- 08



SIP License

SIP Users	-30 to 128*
SIP Trunk	-12 to 64*

Protocols & Standard supported

IPv4/IPv6, DTMF, Loop Dial, E1 CAS, ISDN/ QSIG, SIP, TCP/IP, UDP, RTP, SSH, SSL, NTP, DHCP, NAT, IEEE 802.1X

Voip Properties

Open Standard SIP Support

Codec Supported

G.711a, G.711u, G.722,G723,G726,G729,iLBC,GSM

System and Maintenance

Field upgradable by use of add on board Internal and external memory backup of call details and programming built-in protectionPS on all ports. User friendly Web based User Interface for system programming

Subscriber Services

CLI with Name	Call Forward (Int/External)
Call Hold	Call Transfer
Call Pick-up	Multi Party Conferencing
Meet Me Conf	Dial In Conf
Call barring	Parallel Ringing
ACD	Call Listening
Auto Redial	CUG
Boss Sectary	CLI Based routing
CDR	Do-Not-Disturb
Memory Dialing	DID/DOD
Hotline	RCOC
Voicemail	Video Call

Power Supply

AC Operation	– 90-265V AC
DC Operation	– 36-60V DC
Power Consumptions	– 0.7W/Line







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