Creative

IRIS IVDX

*W*orld class features

*A*t your finger tips

Integrated Voice & Data
Exchange

I R I S

I V D X

ISDN-OSIG

IRIS supports Q-SIG Protocol to built a large seemless virtual, telephone system with full features transparency based on ECMA, ETSI & ISO standards.

ADSL – Asymmetric Digital Subscriber Lines

ADSL- Asymmetrical Digital Subscriber line technology is capable of carrying data and a single voice channel over a pair of copper cables,typically to meet the requirements of residential or SOHO users. The ADSL line card enables carriers and service providers to offer converged services to customers using ADSI. variants. viz. G.dmt, ANSI T1.413 and G. lite, based on Discrete Multi-Tone (DMT)- all from a single module.
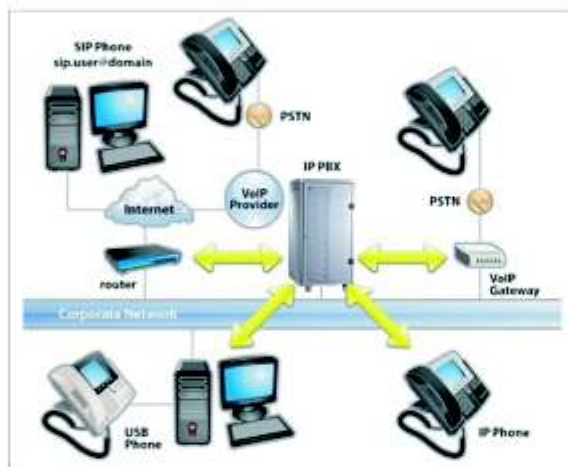
VOIP

VOIP based on H.232/SIP is proven technology for communication where packet of digitaly compressed voices are sent over IP data networks, which get converted back to voice once it reaches the destination. VOIP can bypass PSTN & therefore avoid all cost associated with PSTN calls. No matter how far the distance & how long the conversation. IRIS Supports not only VOIP trunks but also VOIP extension

IN SKIN VOICE MAIL

In this E-mail edge, human voice is bast way to communicate

HOT STAND BY

The IRIS has capability of duplicate CPU in true hot stand by mode which supprots real time change over of control cards with no disruptions of calls in progress as well as the call which are being established
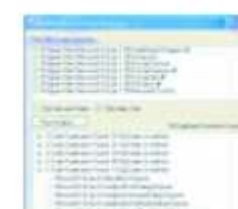
Computer Telephony Integration

AMS

ADSL- Asymmetrical Digital Subscriber line technology is capable of carrying data and a single voice channel over a pair of copper cables,typically to meet the requirements of residential or SOHO users. The ADSL line card enables carriers and service providers to offer converged services to customers using ADSI. variants. viz. G.dmt, ANSI

PC CONSOLE

ADSL- Asymmetrical Digital Subscriber line technology is capable of carrying data and a single voice channel over a pair of copper cables,typically to meet the requirements of residential or SOHO users. The ADSL line card enables carriers and service providers to offer converged services to customers using ADSI. variants. viz. G.dmt, ANSI

ITDF

ADSL- Asymmetrical Digital Subscriber line technology is capable of carrying data and a single voice channel over a pair of copper cables,typically to meet the requirements of residential or SOHO users. The ADSL line card enables carriers and service providers to offer converged services to customers using ADSI. variants. viz. G.dmt, ANSI

64 PARTY CONFERENCE

IRIS supports 64 party conference with any combination of trunk & extension lines the voice quality in conference is maintained to all the parties by programable gain control. Upto 64 party conference supports supervised as well as unsupervised (Meet Me, Progressive, Add On)

32
to
8000
Ports

Salient Features

- New 32 port peripheral cards.
- Back plane based on HDLC (High Speed).
- Expandability up to 43,000 ports.
- Provision for remote shelf access.
- New DLC design based on ISDN U interface.
- SICOFI based trunk/ext. cards for providing programmable gain.
- Futuristic design to meet all present and future CTI & data server applications.
- In skin voice mail card.
- Call Center applications including integration with CRM packages.
- DECT connectivity.

Intelligent Network Features

- AOC on calling extension.
- SMS & Text Messages.
- Calling Card Supported.
- 32 MB HDD for storage of upto 1 million calls.

Some of the Unique Features are:-

- 10 Base T Ethernet on Copper wire
- SHDSL connectivity for LAN/WAN and Networking Application.
- In skin Voice mail functionality.
- VOIP and ATM Gateways.
- ADSL Extensions
- CLI on called station
- SMS and Text Messages
- Calling Card Supported

Technical Specification

System Configuration Configuration	: :	IRIS – IVDX Max-7520 Module – 128, 256, 512, 1024, 1504
Cabinet Dimensions (WxDxH)	:	128 Ports: 482mm X 400mm X 177mm 256 Ports: 482mm X 400mm X 266mm 512 Ports: 600mm X 500mm X 600mm 1024 Ports: 600mm X 600mm X 1000mm 1504 Ports: 600mm X 600mm X 1400mm
Operating Voltage	:	48V DC ± 10%
Control	:	32 Bit RISC Processor Distributed Control Architecture
Switching Technology	:	Digital PCM / TDM & Fully Non Blocking
Storage Media	:	Flash ROM 32 MB (min) HDD / SDD 32 MB (min)
Loop Resistance	:	Normal Loop Extn. 1200 Ohms Long Loop Extn. 3000 Ohms
Power Consumption	:	5 Amps per shelf at-48 V DC (Full Load)
Environmental Standards	:	Operating Temperature: -10'C to 55'C, Humidity 10% - 95% RH (Non Condensing)
Ringer Voltage	:	75V AC, 20 Hz. (Programmable)
Interface / Networking	:	Analog CO Lines, Analog DID / DOD / BWT (LD) Analog E&M (2W/4W), Magneto / Ringer Down Digital ISDN BRI (30B+D), Digital CEPT / E1/TI/JI QSIG on BRI / PRI / IP & SHDSL VOIP in skin Card, TDMOIP PRI / E1 over optical interface STM 1
Wireless Standards	:	DECT / GAP, ETSI Wi-Fi 802.11 b/g
CTI / Contact Centre Support	:	TAPI / TSAPI / CSTA Compliant Predictive Dialer, Progressive Dialer, Voice Logger
In-skin Data Interface (xDSL)	:	Asymmetric Digital Subscriber Line (ADSL) Symmetric High Bit Rate Digital, Subscriber Line (SHDSL),Very High Speed Digital Subscriber Line (VDSL)
Conferencing	:	Upto 64 Party Audio Conferencing & Video Conferencing Supported upto 768K & on IP (H.320)
Extension Equipment	:	Single Line Telephone (SLT), Proprietary Digital Telephones, Digital Telephones with Graphical Display Standard IP Phone
Peripheral Supports\	:	Call Detail Recording (ASMDR), Voice Mail (In-skin and third Party), PC based Operator Console Large Display Operator Consoles
Protocols Supported	:	DTMF, Loop Dial, R2 MFC (CCITT), PLCC Signaling. QSIG & V5-2
Backbone Support	:	ATM, IP (SIP/H.323)
Traffic Handling	:	BHCA : 500,000 & BHCC : 300,000
CLI Features	:	Available on Both Digital & Analogue Terminal, Supported in both DTMF & FSK format, CLI on analog CO (P&T) trunks transmitted to analog extensions, with name display ADSI-II complaint CIDCW support.

Creative Telecom Pvt. Ltd.

Head office: 162, DSIDC Complex, Okhla Industrial Area, Phase-1, New Delhi- 110020
Phone : 011-268174114,15, 26811492,96, **Fax: :** 011-26811389, **e-mail:** sales@creativetele.com

Kolkata: 17/1B, Jatin Das Road, Near Lake Market, Kolkata Phone: 033-32545247, 24635560, Mobile: 09330998007, e-mail: creativeandconcept@vsnl.net, kolkata@creativetele.com

Chennai: Plot No. 18, Flat No. B, Ground Floor, Punjab Garden Street, West Mamblam, Chennai, Tamil Nadu Phone: 044-24819880,24819881 Mobile: 9282228703, e-mail: creativegk@vsnl.net

Mumbai: C/315-320, Solaris-I, Opp. L&T Gate No.6, Saki Vihar Road, Andheri-East, Mumbai-400072, Telefax: 022- 28575637, e-mail: mumbai@creativetele.com

Authorised Dealer