NEW

Vega 3000G
Analog Media Gateway

FEATURES

24 FXS ports

Voice, fax and modem support

Flexible call routing for fallback and least cost routing

Large scale deployment configuration tools

Interoperability with a wide range of legacy and IP equipment

USB 2.0 for extra storage

APPLICATIONS

For Service Providers:

Connect analog phones to hosted telephony platforms

Low-density PSTN gateway

Survivability for IP phones

For Enterprises:

Enterprise VoIP networking

Compatibility of legacy phones with IP-PBX and UC platforms

Enterprise IP telephony gateway

Easily connect analog telephony equipment to IP networks with the all new Vega 3000G media gateway.

The Vega 3000G analog media telephony gateway is designed to simplify the integration of legacy phone systems to IP infrastructure. The Vega 3000G connects analog handsets & devices to an IP network, typically either an Internet Telephony Service Provider (ITSP) or a corporate network.

Vega 3000G analog media gateways are available with 24 FXS ports, for connection to standard analog telephones.

Enhanced Network Proxy

This option enables continuity of service during WAN/SIP outage and may be configured to operate in a number of ways including:

- Standalone proxy
- IP device survivability
- IP device call routing
- Emergency call routing
- SIP to SIP call routing

Open, Non-Proprietary Interfaces

All Vega gateways support SIP and T.38 fax.

The gateway can be configured for different country requirements, such as tones and line impedance.

All Vega gateways have proven interoperability with a wide range of existing telecommunications & VoIP equipment.

Density

With up to 24 FXS ports in a chassis that is only 1U-high and half a rack deep, these gateways provide exceptional density.

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TECHNICAL SPECIFICATIONS

Interfaces:

VOIP INTERFACES:

SIP

Audio codecs:

- G.711 (a-law/µ-law)
- G.729a (8kbps)
- G.723.1 (5.3/6.4 kbps)
- G.726
- GSM
- Clear Mode

FAX support – up to G3 FAX, using T.38

Modem support – up to V.90, using G.711

Up to 24 VoIP channels

TELEPHONY INTERFACES:

24 ports on an RJ-21 connector

600R, 900R or CTR-21 line impedance

LAN INTERFACES:

1 RJ-45, 1000BaseT/100 BaseTx/10 BaseT, full/half duplex

USB INTERFACE:

1 USB 2.0 for extra storage

Features:

TELEPHONY FEATURES:

Call waiting

Call forward – unconditional, busy, no-answer

Call transfer – blind, consultative

3-Way conference

Do Not Disturb

Message waiting indicator – audible, visual

Music on hold

Executive barge

Caller ID presentation – UK, DTMF, Bellcore GR30, ETSI

Caller ID screening

SIP registration & digest authentication

OPERATIONS, MAINTENANCE & BILLING:

HTTP(S) web server

RADIUS accounting & login

Remote firmware upgrade:

- Auto code upgrade
- Auto configuration upgrade

SNMP V1, V2 & V3

Syslog

TFTP/FTP support

VT100 – RS232/Telnet/SSH

Voice readback of IP parameters

ROUTING & NUMBERING:

Dial planner – sophisticated call routing capabilities, standalone or gatekeeper/proxy integration

Direct Dialing In (DDI)

SIP registration to multiple proxies

CALL QUALITY:

Adaptive jitter removal

Comfort noise generation

Silence suppression

802.1p/Q VLAN tagging

Differentiated Services (DiffServ)

Type of Service (ToS)

QoS statistics reporting

Echo cancellation (G.168 up to 128ms)

SECURITY & ENCRYPTION: *Optional*

Media – SRTP

SIP – TLS

Management – HTTPS, SSH Telnet

Configurable user login passwords

Enhanced Network Proxy (ENP)

Hardware:

CERTIFICATION (PENDING):

EMC (CLASS B)	SAFETY	TELECOMS (ISDN)
EN55022	EN60950	E1: TBR4
EN55024	IEC60950	T1: FCC Part 68
FCC Part 15	UL60950	T1: CS-03
AS/NZS3548	AS/NZS60950	VCCI

ENVIRONMENTAL:

0° .. 40°C

0% .. 90% humidity (non-condensing)

FXS LINE LENGTH:

Up to 1km at 1 REN

INDICATORS:

LED

System: Power/System Ready/Activity

LAN: Speed/Activity

DIMENSIONS:

1U: 270mm (W) x 155mm (D) x 43mm (H)

Weight: 1.5kgs (3.31lbs)

Rackmount ears supplied: 107mm (2 pieces)

POWER SUPPLY:

External AC adapter

100–240 VAC (50/60 Hz)

DC output 12V/5A (60W)

PROGRAM STORAGE:

Code and configuration data are stored in FLASH and executed from RAM

Sangoma is continuously improving its products, features, design, therefore, specifications in this data sheet may be modified without prior notice or obligation.

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