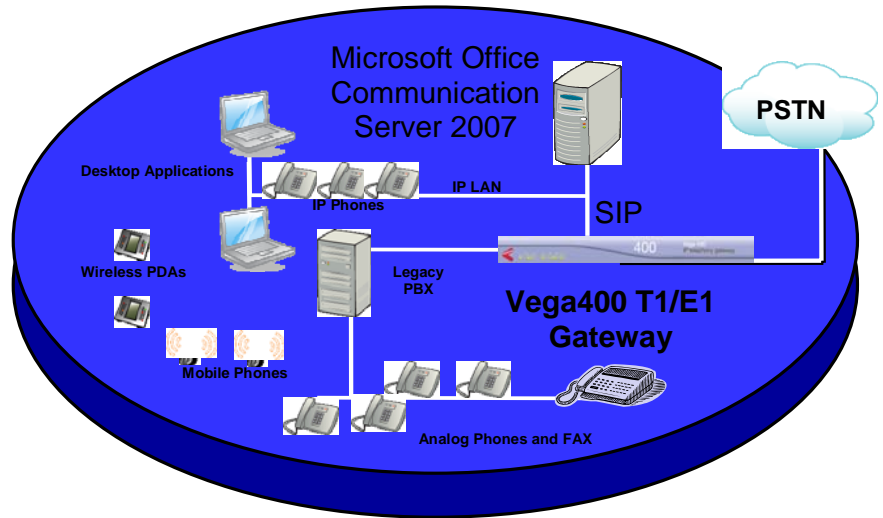


Solution Brief: VegaStream Gateways and Microsoft's Office Communication Server 2007



"a brilliant voice"



Solution Overview

The Microsoft Office Communication Server 2007 (OCS2007) simplifies the process of staying connected by bring together all the ways we communicate to a central application. Whether it be e-mail, voice, fax or instant messaging, OCS2007 allows individuals to customize how they interact with the rest of the world. The Vega400 digital gateway provides easy connectivity between the Microsoft OCS2007 and legacy PBX's and/or the Publicly Switched telephone Network (PSTN).

The combination of these two solutions offers enterprises a powerful total communication solution and a migration path from legacy communication systems to a completely converged network.



Vega400 T1/E1 Digital Media Gateway
24-120 Digital Channels

Key Features/Benefits

Voice Quality: Adaptive Jitter removal, embedded QOS mechanisms, comfort noise generation & silence suppression deliver outstanding voice quality.

Ease of Use: With an intuitive design and plug-and-play implementation, the Vega400 gateway is easy to deploy and use. Units are partially preconfigured for use with Microsoft's UC Platform.

User Friendly Management: Manageable from HTML interface, Telnet interface, Console interface and by using configuration files.

Scalability: Field upgradeable from 1-span to 4-span without interruption of use.

Validated Against OCS2007 Beta3: Has been validated by Microsoft to work with Microsoft's Office Communication Server 2007 Beta3, and is an approved Media Gateway for use in the Voice RDP/TAP program.



Vega400 T1/E1 Digital Media Gateway 24-120 Digital Channels

Technical Specification

VoIP Protocols

- SIP
- Audio codecs:
 - G.723.1 (5.3/6.4 kbps)
 - G.711 (a-law/ μ -law) (64 kbps)
- Fax Support – up to G3 fax, using T.38
- Modem Support – up to V.90, using G.711

Telephony Interface

1-4 x E1

- Euro-ISDN
- ISO QSIG
- CAS R2MFC for Mexico, Brazil and Argentina

1-4 x T1

- NI1/NI2
- AT&T 5ESS
- DMS100
- CAS (RBS) (E&M wink start, Loop start & Ground start)
- ISO QSIG

LAN Interface

- 2 x 10BaseT / 100BaseTX, full or half duplex

Identification

- Caller ID presentation
- Caller ID screening allows connections to be accepted only from selected call sources

Operations, Maintenance and Billing

- HTTP web server
- Radius Accounting
- Remote firmware upgrade:
- Auto code upgrade
- Auto configuration upgrade
- SNMP
- TFTP/FTP support
- VT100 – RS232/Telnet

Routing and Numbering

- Dial Planner – sophisticated call routing capabilities, standalone or gatekeeper/proxy integration
- Direct Dialing In (DDI) (Direct Inward Dial/DID)
- 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)

For additional product information, please contact VegaStream Sales.

VegaStream Sales Contact Information

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About VegaStream

VegaStream is one of the most experienced players in the enterprise VoIP market. The company supplies cost-effective, reliable and easy-to-deploy gateways to both traditional telecommunications carriers and the new generation of internet telephony service providers. VegaStream serves the enterprise market through a global network of distributors and resellers supported by regional offices in the UK, USA and Australia. VegaStream is a privately-held company.

www.vegastream.com

