Product Name: Sangoma Vega Enterprise SBC 1U Appliance 50 to 100 Session Upgrade

Manufacturer: Sangoma

Model Number: SBCT-ENT-250

Sangoma Vega Enterprise SBC 1U Appliance 50 to 100 Session Upgrade
The Sangoma Vega Enterprise SBC 1U Appliance 50 to 100 Session Upgrade provides full-featured protection and easy interconnection at the edge of enterprise networks.

What is Session Border Control
IP communications across multiple, sometimes untrusted, networks needs to be normalized, managed and secured. There is a need to guarantee interoperability of multiple devices, carriers and protocols in a transparent way to the user of the network. Session border controllers take care of the conversion between protocols, transcoding, threat prevention, resource limiting, and accounting at the edge of VoIP networks of enterprises and carriers alike.

Applications

• SIP Trunking
• Remote Worker
• Hosted PBX
• Lync SBC
• Core Session Router and Load Balancer

Benefits

• Network Security
• Quality of Service/Quality of Experience
• Connectivity
• Protocol Normalization
• Media Services
• Statistics and Billing
• Regulatory Compliance

Technical Specification
Feature/Function Vega Enterprise SBC

• HDD 32GB SSD
• Power 60W
• Rack Mount Yes
• Ethernet 2x GigE
• Hardware-assisted RTP Yes
• Session Capacity 500
• Field Upgradeable (At No Penalty) Yes
• Hardware-ready for Upgrade to Capacity Yes

VoIP

• SIP Trunking and Remote Working
• SIP Intrusion Prevention
• SIP Registration Scan Attack Detection
• SIP Request Rate Limiting
• SIP Friendly Load Limitation

- SIP Registration Pass-thru
- SIP Header Normalization
- SIP Malformed Packet Protection
- Advanced NAT Traversal Capabilities
- Topology Hiding
- ENUM Routing

Media Capabilities

- Voice, Video, FAX, IM and Presence Support
- Full RTP Transcoding (G.711, G.722, G.729, G.726, G.723.1, iLBC, AMR, G.722.1)
- T.38 Fax Relay

Session and Monitoring

- Multiple Session Routing Options
- RTCP Statistics Reports
- QoS (ToS or DSCP)
- RADIUS CDR and Authentication
- QoS Monitoring and Reporting

Security

- DDoS / DoS Attack Protection
- Call Security with TLS/SRTP
- Media Security with SRTP
- IPSec Encryption
- IP Firewall

Call Control

- Advanced XML Routing Engine
- Dynamic Load Balancing and Call Routing
- Multiple Call Access Control Options
- Least Cost Routing
- Rate Limiting: Call and Registration
- Endpoint Authentication
- Media Bandwidth Policy
- Intelligent Media Anchoring/Release

Management

- Easy to Use Web Interface
- HTTP XML-based CDR
- Real-time Monitoring and Debugging

Price: £1,807.00