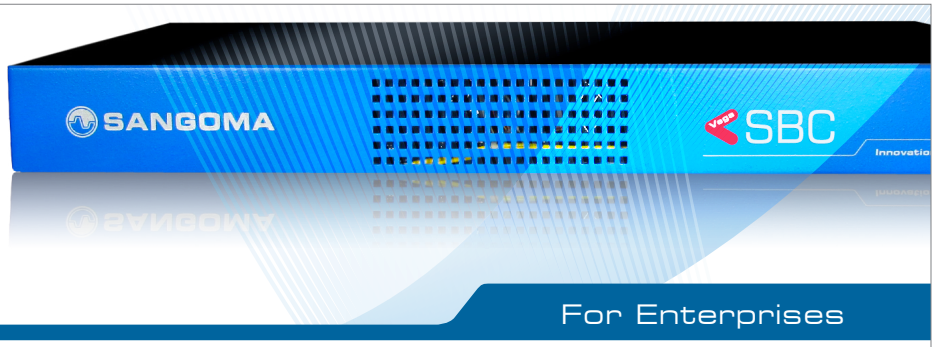
# Vega SBC

## Enterprise Appliance




For Enterprises

## 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**

**The most cost-effective, easiest-to-provision, and easiest-to manage line of SBCs on the market.**

Sangoma's Vega Enterprise SBC provides full-featured protection and easy interconnection at the edge of enterprise networks.

## HIGHLIGHTS:

- » Scalability from 25–250 Sessions/Calls - Field Upgradeable Session Expansion
- » Browser-based GUI for Easy Configuration
- » Traffic Visualization Tools
- » Session-based Licensing - No Hidden Fees
- » Enterprise Inter-Site Networking and SIP Trunking Border Control
- » Local Security Management for SMBs and Small Enterprises
- » Hardware-based Transcoding and Media Handling
- » Qualified for Microsoft® Lync®

Lync

*Vega Enterprise SBC*
*1U Appliance*

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# PRODUCT FEATURES

## 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

## Hardware

- Power: 60W universal internal power supply
- Dimensions: Standard 1U – 19"(w) x 8.15"(D) x 1.7"(H)
- Rack mounting clips included

## 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

## Support and Professional Services

Sangoma engineers are here to support your success. Whether you need technical support and software maintenance, training, consultation and installation services, Sangoma can help you. Contact your Sales representative for more information.

## Warranty

Standard 12-month warranty is included. Additional warranty services available, contact your Sales representative for more information.

| Feature/Function | Vega SBC Enterprise |
|---|---|
| HDD | 32GB SSD |
| Power | 60W |
| Rack Mount | ✓ |
| Ethernet | 2x GigE |
| Hardware Assisted RTP | ✓ |
| Session/Call Capacity | 250 |
| Field Upgradeable | ✓ |
| Hardware Ready for Upgrade to Capacity | ✓ |

# ORDERING

| SKU | Item |
|---|---|
| SBCT-ENT-025 | Vega SBC 1U Appliance with 25 Sessions/Calls |
| SBCT-ENT-050 | Vega SBC 1U Appliance with 50 Sessions/Calls |
| SBCT-ENT-100 | Vega SBC 1U Appliance with 100 Sessions/Calls |
| SBCT-ENT-250 | Vega SBC 1U Appliance with 250 Sessions/Calls |

Cables, if required, are included at no additional charge.

In an effort to continuously improve our products Sangoma reserves the right to modify features, design or specifications at any time without prior notice or obligation.

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