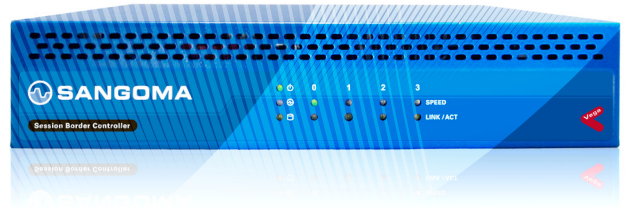


# Vega SBC

Your Firewall for VoIP Networks



For Small Business

## APPLICATIONS

- ☑ Migrate to SIP trunking
- ☑ Empower remote workers
- ☑ Migrate to hosted PBX securely

## BENEFITS

- ☑ Network Security
- ☑ Quality of Service/ Quality of Experience
- ☑ Connectivity
- ☑ Protocol Normalization
- ☑ Media Services
- ☑ Statistics and billing
- ☑ Interoperates with all major IP PBXs and UC systems  
Including Asterisk®, BroadSoft®, Cisco®, Denwa®, Elastix®, FreePBX®, FreeSWITCH®, Gamma®, Lync®, Samsung®, 3CX® and more



BROADSOFT



## VoIP has many benefits. Security is not one of them—you need an SBC.

Unified Communications and pure IP-based phone systems, whether installed at your office or hosted “in the cloud”, can greatly reduce infrastructure and toll costs and create flexible working environments that were almost unimaginable even a decade ago.

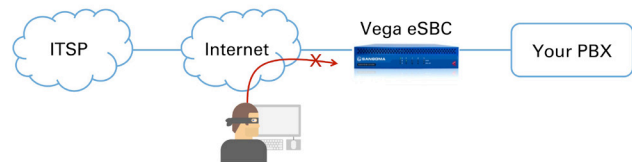
These are all great reasons to make the move away from the plain old telephone network.

You wouldn't put your data network on the internet without a firewall—**why would you expose your voice network without a Session Border Controller?**

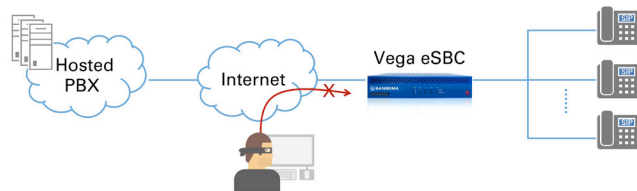


Enterprise Session Border Controllers (eSBCs) sit at the edge of your company's network and do the heavy lifting for VoIP phone calls that your firewall isn't designed to do. Hide important voice network information, protect your company network from malicious attacks—that can cause your telephone bill to skyrocket or become susceptible for hackers to breach your system and take down the network.

*On-Premise PBX:*



*Hosted PBX:*



**You deserve a Sangoma SBC—for safe and affordable protection when you go SIP.**

## PRODUCT SPECIFICATIONS

### 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)<sup>1</sup>
- T.38 Fax Relay<sup>1</sup>

### 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 external power supply
- Dimensions: 8.5"(w) x 7.5"(D) x 1.5"(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 for SMB
Power	60W
Rack Mount	<i>Optional</i>
Ethernet	4x GigE
Hardware Assisted RTP	<i>Factory Optional</i>
Session/Call Capacity	60
Field Upgradeable	✓
Hardware ready for upgrade to capacity	✓

## ORDERING

SKU	Item
SBCT-SMB-XXX	Vega SBC Appliance with 5–60 Sessions/Calls
SBCT-SMB-XXX-T	Vega SBC Appliance with hardware transcoding to save bandwidth, maintain audio quality and keep up with the latest formats: 5 to 60 Sessions/Calls

<sup>1</sup>Only with hardware transcoding option

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In an effort to continuously improve our products Sangoma reserves the right to modify features, design or specifications at any time.