

# Overview

- [Overview Subtopic](#)
- [Markets](#)
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The Sangoma SBC (also referred to as “NSC”, “NetBorder Session Controller” or “Vega eSBC”) is a family of advanced and flexible Session Border Controllers that allow you to interconnect different SIP networks securely to perform SIP trunking and general SIP call routing with its advanced GUI or XML-based routing engine.

## Overview Subtopic

- [Form Factor](#)
- [Unique Features](#)
- [Virtual Machine Ready](#)
- [Ease to use WebGUI](#)
- [SBC Features](#)
- [Signaling and Media](#)

## Markets

Sangoma SBC were designed to address three market segments

- [Carrier](#)
- [Enterprise](#)
- [Virtualization \(NFV\)](#)

## Feature Overview

- Virtual Machine ready
- Easy to use Web Interface
- Advanced XML Routing Engine
- Dynamic Load Balancing and Call Routing
- Hybrid decoupled design (Hardware-Assisted RTP even when running on a virtual machine)
- 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
- Topology Hiding
- Intelligent media anchoring/release
- DDoS / DoS Attack Protection
- RTCP Statistics Reports
- Call Access Control (Limits call rate and total calls per user or IP)
- Call Security with TLS / SRTP
- Advanced NAT Traversal Capabilities
- Least Cost Routing
- Full RTP Transcoding (G.711, G.722, G.729, G.726, G.723.1, iLBC, AMR, G.722.1)
- T.38 Fax Relay
- IP Firewall
- RADIUS CDR and Authentication
- HTTP XML-based CDR
- ENUM Routing
- VLAN
- QoS (ToS or DSCP)
- Multiple flexible form factors
- Scalable from 25 to 4000 sessions/calls (field upgradable)