

A Session Border Controller (SBC) is used to provide a secure entry point for Unified Communications and/or to make a secure connection of a SIP trunking provider to another or several SIP trunking provider/s.

Ingate SIParator SBCs make secure Unified Communication possible while also protecting the enterprise network.

Following are 10 of the most important reasons on why to choose an Ingate SBC.

State-of-the-Art Support for Unified Communications

With more than 10 years of experience in Session Initiation Protocol (SIP) and with Ingate's in-house development in SIP, Ingate SBCs are a reliable solution for bringing secure SIP and Unified Communications (UC) to the enterprise. Ingate SBCs support all type of SIP traffic and deliver according to the SIPconnect standards thanks to the implementation of a full SIP proxy. It has a high call setup rate in a short load time and all SIP traffic can be prioritized and modified according to the needs and preferences required in the specific implementation. Ingate SBCs also make it possible for remote users to connect through the office PBX without the need for a Virtual Private Network (VPN).

Extensive Security Technology

With a background in security and more than 30 years of experience developing modem routers, firewalls and SIParators, Ingate has incorporated advanced security technology in its full line of SBCs. With data firewall features enabled, Ingate SBCs can serve both as the enterprise firewall and as the SBC to protect your network against attacks coming from the Internet or dedicated connections. To further strengthen security for UC and SIP applications, all Ingate SBCs include Intrusion Detection System/ Intrusion Prevention System (IDS/IPS). Additionally they offer encryption of signaling and media to ensure privacy to prevent eavesdropping and spoofers.

Full Interoperability with All Major PBXs and ITSPs

Ingate SBCs enable advanced UC scenarios with multiple UC equipment as they work seamlessly with all major PBXs and ITSPs. They support all types of SIP traffic and can translate and resolve issues between different variations of SIP. For an extensive list of PBXs and ITSPs with which Ingate SBCs are interoperable, visit www.ingate.com.

Flexibility

Ingate SBCs are easily deployed in an existing infrastructure and can be delivered both as standalone hardware appliances as well as software. They enable simplified migration to Unified Communications without affecting your current network, and without compromising security.

Available in a Wide Range of Sizes

Ingate SBCs are available in a range of sizes to meet enterprise needs from home office to large enterprises, handling from 5 up to 20,000 simultaneous calls. Our products are scalable, many of which can be upgraded instantly through software updates. Most Ingate SBCs can be upgraded to support up to 10 times more calls than the original specification. This pay-as-you-grow model is very popular among our customers.

Models are offered from 5 to 60,000 users per unit which can be easily increased.

Demarcation Point

With an Ingate SBC at the demarcation point you have a secure and interoperable solution to handle the traffic for the service provider and the enterprise's network. Ingate SBCs can also report health and quality statistics, as well as Mean Opinion Scores (MOSs) and Call Detail Records (CDRs) to the element management system.

Easy To Deploy

Ingate product configuration and initial setup is made easy with the Ingate Startup Tool (SUT). The SUT is a user-friendly application that provides a step-by-step configuration of the Ingate SBC with any major PBX and ITSP. With Ingate SBCs you can be up and running quickly, making your first call in 30 minutes or less. On-site or Remote Installation services can be provided.

Failover Capabilities

To protect mission-critical applications, Ingate offers features to ensure that communications remain "live" even if the connection to the primary PBX is unavailable (VoIP Survivability).

For a higher level of survivability Ingate provides a very competitive offer for redundant SBC solutions that can be set up in two ways to meet the needs of the customer: in a standard failover configuration, or as a load balancing solution.

For an even higher level of reliability, Ingate offers redundancy at SIP trunking level and has the capability to work with multiple SIP trunk groups.

The Ingate Advantage

Ingate is a proven, reliable supplier with more than 10,000 systems deployed worldwide.

Ingate's professional services include:

- Customization to fit the needs of specific deployments and customer requests.
- Subscription to firmware upgrades two times a year.
- Fast response for support cases
- Remote Installation support available
- Ability to extend warranty service (One year included in Ingate base product)

Priced Competitively

Ingate SBCs are priced competitively, and are built from the ground up to grow with your business as needed.

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