

# Sonus at a Glance

## Driving Innovation

Sonus brings the next generation of Cloud-based SIP and 4G/VoLTE solutions to its customers by enabling and securing mission-critical traffic for VoIP, video, IM, and online collaboration. With Sonus, enterprises can intelligently secure and prioritize real-time communications, while service providers can deliver reliable, secure real-time services for mobile, UC, and social applications. Sonus offers an award-winning portfolio of hardware-based and virtualized Session Border Controllers (SBCs), Diameter Signaling Controllers (DSCs), Cloud Exchange Networking Platform, Policy/Routing servers, and media/signaling gateways.

## Session Border Controllers

SBCs provide security, interoperability, and other necessary functions in a SIP network. However, not all SBCs are created equal, and not all SBC customers have the same criteria. Sonus' SBCs are architected to deliver complete network protection from Denial of Service, toll fraud, and other IP-based attacks, establishing confidentiality and integrity across communication networks. Sonus SBCs deliver media and signaling interworking capabilities to enable interoperability across disparate Private Branch Exchanges, allowing companies to leverage investments in existing time-division multiplexing technologies while integrating new collaborative SIP-based solutions. Whether you have an enterprise VoIP network or you are a service provider offering new services to your customers, Sonus SBCs can help you simply unify and secure your real-time communications.

## Centralized Policy and Routing Engines

Centralized SIP policy and routing for Sonus' award-winning SBCs and session management solutions are made possible by the PSX portfolio. Sonus' appliance-based, embedded, and virtualized policy solutions deliver network intelligence that enables a wide range of real-world benefits, including dial plan management, toll-free routing, least-cost routing, number portability, Virtualized Private Network, SIP trunking, emergency services, and a host of additional high-value capabilities that work in mixed TDM IP next-generation networks as well as pure IP Multimedia Subsystem-based networks. Sonus delivers the "gold standard" of network policy and routing management, providing 99.999% reliability in the world's most demanding environments.

## Diameter Signaling Controllers

The demand for 4G/LTE networks is projected to grow exponentially as mobile broadband demand for smartphones, tablets, and diameter-signaling messages in 4G/LTE networks grows correspondently. The Sonus portfolio of hardware and virtualized Diameter Signaling Controllers (DSC) and SS7 Signaling Transfer Points deliver service providers with carrier-grade solutions designed to address the evolution, capacity, scalability, and roaming needs of fixed, 2G/3G/4G/LTE signaling networks.

## Cloud Exchange Networking

The massive growth of mobility and the transition from premises-based to Cloud-based applications is driving changes to the traditional networks. Networking infrastructure is not application-aware and has limited capability to handle rapidly changing traffic dynamics in a cost-efficient manner. VelloS® is the leading Cloud exchange networking platform to integrate private, hybrid, and public Clouds into one IT environment. With VelloS, customers can tailor Cloud exchange networking services to deliver Network-as-a-Service, Multiprotocol Label Switching Wide Area Network replacement, and Cloud interconnect to major public Cloud providers. VelloS also simplifies network and application roll-out and optimizes access to data center-hosted applications.

## WebRTC Services Solution

Web Real-Time Communications (WebRTC) enables web browsers to participate in audio, video, and data communications, without any plug-ins, via a user's browser. This facilitates interoperability between different communications systems to allow users, servers, and applications to interconnect with each other, resulting in increased collaboration and productivity without huge IT impacts. Sonus has addressed the scalability and performance of real-time communications for next-generation networks by developing the Sonus WebRTC Services Solution. This Sonus product enables web browsers to perform real-time communications by interworking with centralized web servers, applications, WebRTC desktop and mobile clients, and back-end SIP infrastructures. With the

introduction of the Sonus WebRTC Services Solution, enterprises and service providers can allow a user to place a call, participate in multi-party video and audio conferencing, engage in screen sharing collaboration, and share files through WebRTC-enabled browsers and IOS and Android mobile applications for real-time communications.

## Virtualized Portfolio

Software Defined Networking (SDN) and Network Functions Virtualization (NFV) are playing an increasing role in today's next generation and Cloud networks. For service providers and enterprises looking to leverage new and existing platforms to support NFV functionality, Sonus offers a completely virtualized product portfolio. The portability and flexibility of Sonus' software offers make them the ideal choice for service providers and enterprises which seek virtualization technology, prefer pre-packaged "solutions in a box," require remote network deployments, or want to expand opportunities into new geographic markets where deploying a hardware solution would be impractical or cost prohibitive. Sonus is the only vendor on the market to leverage the same hardened codebase across its hardware and software offers, enabling customers to deploy fully featured network devices with the same advanced scalability and functionality of hardware in a virtualized form.

## Global Services

Every day, communications networks need support so the world never stops communicating. Sonus Global Services delivers 24x7, follow-the-sun support to service providers and enterprises, helping them transform their communications networks for the future, deploy new revenue-generating services, and optimize their networks for maximum efficiency. Sonus offers a comprehensive portfolio of end-to-end service solutions—from initial IP network design through migration to ongoing optimization after deployment—with a global team of experienced service professionals who understand how to help you reach your goals for Cloud-based communications, holistic SIP session management, and a richer multimedia experience for your subscribers. The conversation may start with Sonus technology, but it's Sonus Global Services who keep it flowing smoothly.

## About Sonus Networks

Sonus enables and secures real-time communications so the world's leading service providers and enterprises can embrace the next generation of SIP and 4G/LTE solutions, including VoIP, video, instant messaging, and online collaboration. With customers in more than 50 countries and nearly two decades of experience, Sonus offers a complete portfolio of hardware-based and virtualized Session Border Controllers (SBCs), Diameter Signaling Controllers (DSCs), Cloud Exchange Networking Platform, policy/routing servers, and media and signaling gateways. For more information, visit [www.sonus.net](http://www.sonus.net) or call 1-855-GO-SONUS. Sonus is a registered trademark of Sonus Networks, Inc. All other company and product names may be trademarks of the respective companies with which they are associated.

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