

# ProSBC<sup>TM</sup>

by **TelcoBridges**

## A New Approach to the Session Border Controller

Feature-rich, high performance and easy to use virtual session border controllers from TelcoBridges



# The business model for communications software is changing

## FROM

- Hardware-centric CAPEX
- Large up-front costs
- Maintenance & Upgrade Fees
- Buy to Try



## TO

- Software-centric OPEX
- Pay as you go
- Software subscriptions with support and automatic upgrades
- Download trial software

## The market is shifting to virtualized and cloud-based SBCs

- Regular updates and vendor support
- Annual subscription pricing
- Get started with a free 30-day trial

### ProSBC by TelcoBridges Benefits

- Carrier-grade Session Border Controller software
- Feature rich with service provider and enterprise features
- High-performance and compact, supporting up to 60,000 sessions/server
- Flexible deployment options with virtualized, cloud and VNF versions
- Can be deployed as a VNF on uCPE, on AWS, Azure, or on VMware, KVM/OpenStack, or baremetal servers
- Immediate software download with online activation and payment
- The product benefits from over 10 years of SIP deployment experience and SIP software development

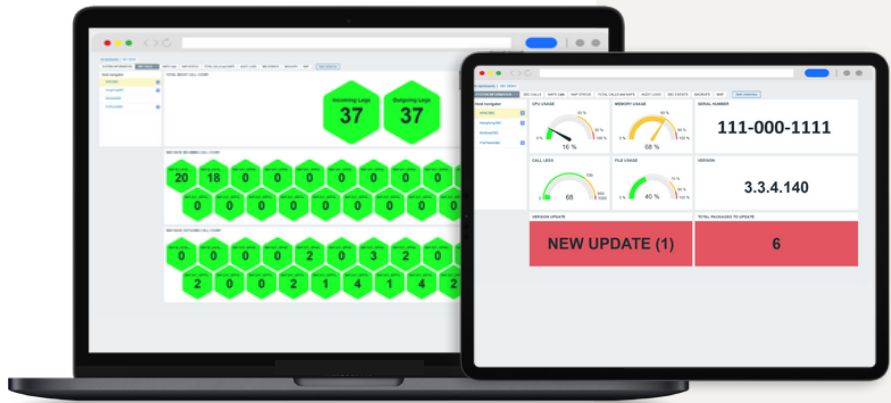
### Monitoring as a Service (MaaS) is a hosted, fully managed, cloud-based monitoring solution designed for ProSBC users

- INCLUDES
- 30-Day Trial
  - hosting
  - installation
  - configuration
  - support

Provides comprehensive visibility into the performance of ProSBC infrastructure

Managed and supported by a global, dedicated support team

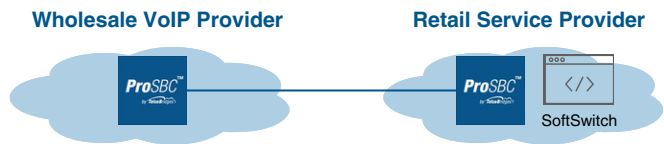
Hosted by TelcoBridges on AWS



# ProSBC Use Cases

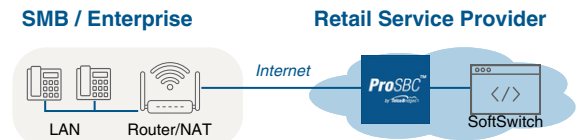
## PEERING SBC

Providing service provider to service provider connectivity, solving interoperability, traffic management and billing needs.



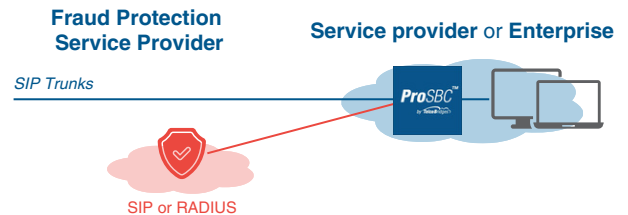
## ACCESS SBC

Facilitating and protecting user access to hosted applications, including IP-PBX, Contact Center, Conferencing / Collaboration, Unified Communications and more.



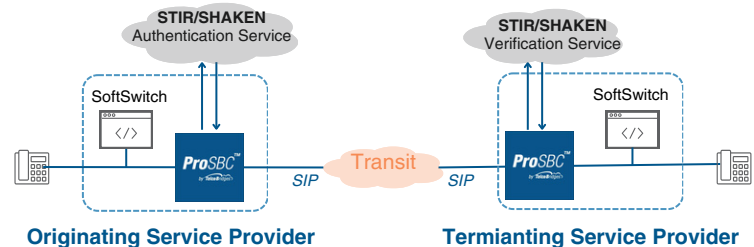
## REAL-TIME FRAUD PROTECTION

Inspection of incoming and outgoing call traffic, measuring the associated risk of each call. Integrating with a Real-Time Fraud Protection service provider. Compatible with validated TelcoBridges Alliance Partners TransNexus and JeraSoft.



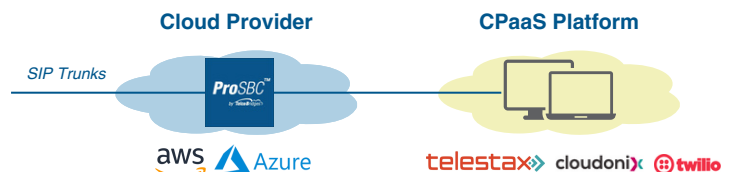
## STIR/SHAKEN

Facilitating the two key components: the STIR/SHAKEN authentication service, which creates the encrypted tokens, and the verification service, which validates these tokens when they reach their destination.



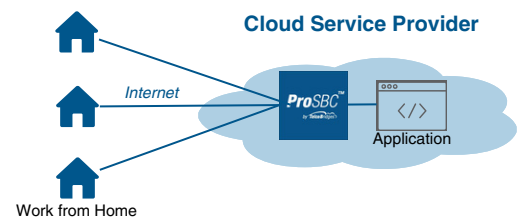
## CPaaS SIP TRUNKING

Facilitating integration of various SIP trunking providers with major CPaaS platforms, including traffic management and load balancing.



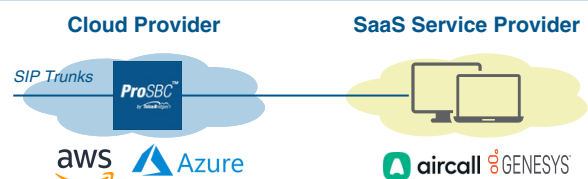
## SOFTWARE AS A SERVICE ACCESS SECURITY

Securing the access points for Software as a Service offerings. With SIP/TLS and SRTP bypass, work-at-home or remote users can securely access hosted voice applications.



## SOFTWARE AS A SERVICE SIP TRUNKING



Resolving interoperability issues, providing traffic management and routing for SIP Trunking connectivity to major Software as a Service platforms.



PACKAGE	<i>ProSBC™</i>	<i>ProSBC+™</i>	<i>ProSBC™</i> <small>Managed Service</small>
---------	----------------	-----------------	--

Description	Carrier-grade ProSBC software	ProSBC software with 1+1 HA License**	Fully managed ProSBC+ with 24x7 Technical Support
Annual License*	✓	✓	Custom
License management via Dashboard	✓	✓	✓
Cost	<b>\$1.25/session/server/year</b> <small>Minimum: \$625/Server/Year</small>	<b>\$2.50/session/server/year</b> <small>Minimum: \$1,250/Server/Year</small>	<b>Custom License*</b>
<b>STANDARD FEATURES</b>			
B2BUA, Topology Hiding, SIP Header Manipulation, SIP and RTP Protection, DOS/DDOS Protection, Dynamic Blacklist and Call Access Control, SIP Registration Forwarding, SIP Registration Scanning Protection, Flexible Call Routing	✓	✓	✓
Media bypass (No Anchoring), H/W Transcoding***, Media Playback & Recording***	✓	✓	✓
Fraudulent Call Removal, Call Trace, Test Call Generation, Live Wireshark Capture, MOS Scoring	✓	✓	✓
API: External HTTPS Routing , STIR/SHAKEN Integrations, Robocall protection, RESTful API	✓	✓	✓
Security: SIP over TLS, sRTP relay and RTP to sRTP conversion	✓	✓	✓
Other features: CDR Text/Radius, SNMP, Lawful Interception	✓	✓	✓
High Availability – No Loss of Service, +1 Server License Included	✗	✓	✓
<b>SCALING</b>			
Maximum Sessions/Server	60,000**	60,000**	60,000**
Max Endpoint Registrations	350,000	350,000	350,000
Max Network Access Points/ Trunk Groups	1,024	1,024	1,024
<b>PLATFORM SUPPORT</b>			
VMware™, KVM/Proxmox, Virtual Network Function, Bare metal server, Amazon Web Services™, Microsoft Azure™	✓	✓	✓
<b>TECHNICAL SUPPORT</b>			
Software Upgrades	✓	✓	✓
Software Installation Assistance	✗ Community	✗ Community	✓ Fully Managed
24x7 ProSBC Technical Support	Customers with >5,000 total sessions: ✓ Customers with <5,000 total sessions: Available for purchase****		✓
9x5 ProSBC Technical Support	Customers with >5,000 total sessions: ✓ Customers with <5,000 total sessions: Available for purchase****		✓

\* Maximum number of Free licenses is limited to 2 per domain. Contact sales@telcobridges.com for additional licensing options.  
 \*\* Hardware/platform dependent – see: <https://telcobridges.com/prosbc-freesbc-performance/>  
 \*\*\* Paid support and professional services options are available at: <https://telcobridges.com/support-options/>  
 \*\*\*\* Requires external DSP transcoding hardware – see <https://docs.telcobridges.com/tbwiki/FreeSBC#TSBC-HW-TRANS>

	<b>TelcoBridges Inc.</b> 138 De La Barre Boucherville, QC CANADA, J4B 2X7	<b>Sales +1.450.655.8993</b> <b>TB Support +1.866.438.4703</b>	<a href="mailto:info@telcobridges.com">info@telcobridges.com</a> <a href="http://www.telcobridges.com">www.telcobridges.com</a>	
--	--	---	--	---