Session Border Controller

Session Border Controller for the Cloud-Native Era

The Startelelogic Session Border Controller is a single software elastic SBC with High Availability (HA) deployments in Amazon Web Services (AWS) and Microsoft Azure Clouds, as well as on leading hypervisors and bare metal Commercial off-the-shelf (COTS).

Virtual and physical deployments ranges from low-scale session handing on a two-virtual CPU platform to tens of thousands of sessions on high-scale service provider core networks. The SBC delivers unmatched performance, interworking, ease-of-use, andadvanced routing in a cost-effective, compact platform for a low total cost of ownership (TCO).

The Startele SBC, acting as a WebRTC gateway, enables rich high-quality real-time communication (RTC) applications to

communicate and interwork with standard SIP networks. Features include multimedia connectivity and native software transcoding, robust security and service assurance, powerful and easy to implement protocol interworking, and regulatory compliance features.

The future-ready Startele SBC redefines the way session control and security can be delivered in agile business models for both enterprises ans service providers globally.

Key Features

Deployment Models

- **Public Cloud -** Amazon Web Service (AWS), Microsoft Azure and Google Cloud Platform.
- **Private Cloud -** VMware, KVM, Hyper-V
- **COTS -** HP DL380, HP DL20

Scalability

Scaling to over 100,000 simultaneous sessions on a single instance.

Comprehensive Security Features

Including topology hiding, firewall, overload protection, dynamic blacklisting, and multiple encryption options for protecting service and network integrity.

Native software or hardware transcoding

Easily deployed and operated

through RESTful API to manage all MET features and functions

State-of-the-art EMS

And local management GUI

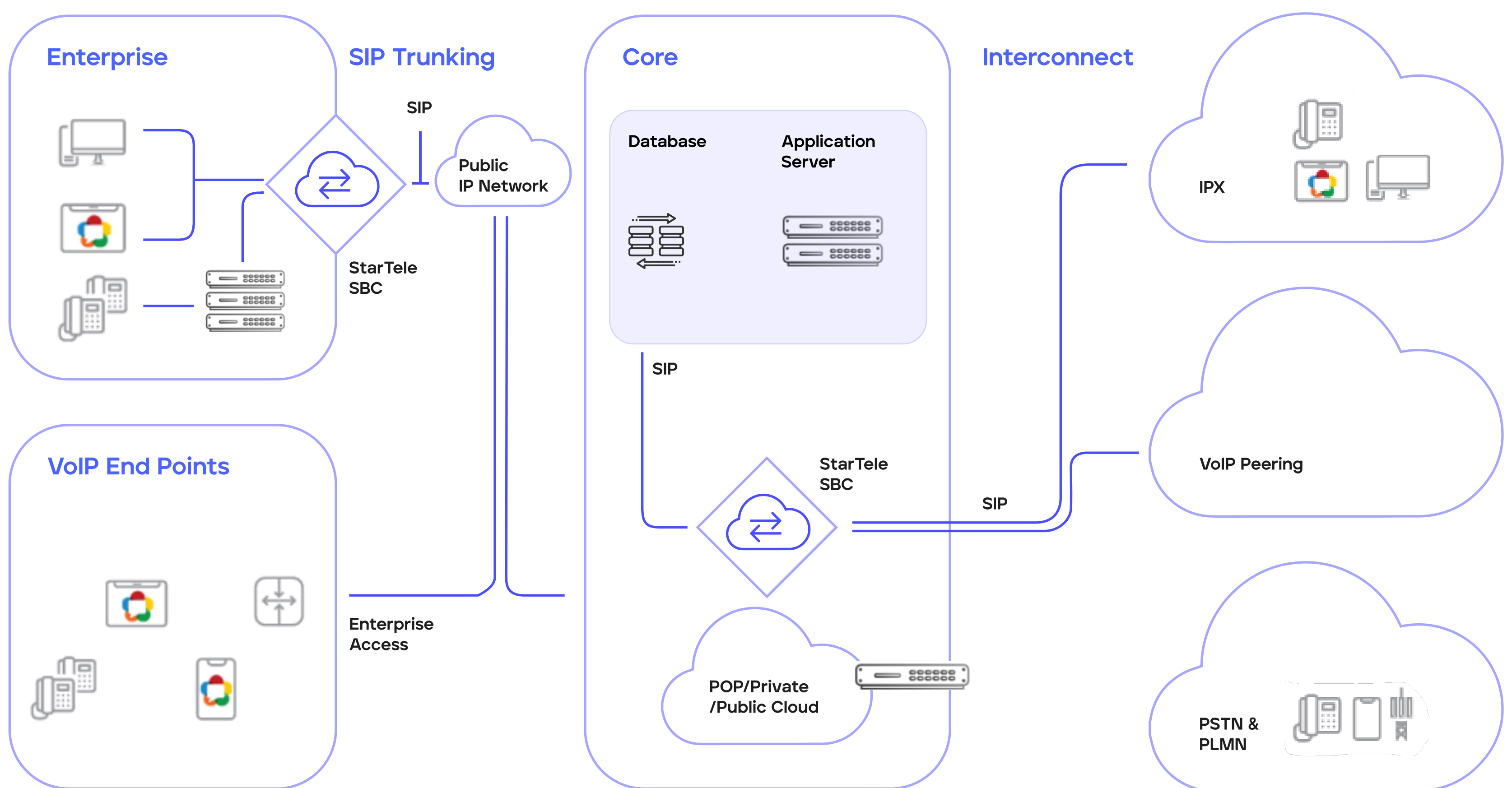### High Availability and geo-redundancy

Flexible network-wide licensing

Pay as you use license and progressive commercial models

MS Teams Compatible

Use Cases

Seamlessly interconnect disparate SIP, SIP-IMS, SIP-I, H.323, IPv4, IPv6, and SRTP network

Full GPRS Roaming eXchange (GRX)/IP Packet eXchange (IPX) feature support including a migration path from mobile 3G interconnect to full VoLTE roaming support

Virtualized and hardware-based CPE connecting to leading IP-PBXs and Microsoft UC Solutions

Secure networks from threats and malicious attacks

Enterprise

SIP Trunking

SIP

Public IP Network

StarTele SBC

VoIP End Points

Enterprise Access

Core

Database

Application Server

SIP

StarTele SBC

SIP

POP/Private /Public Cloud

Interconnect

IPX

VoIP Peering

PSTN & PLMN

SIP Trunking and Hosted Services

Service Providers : The Startelelogic SBC terminates customer SIP Trunk and provide full support for access features, including access security, registration caching, far end NAT traversal and encryption for VoIP services of all types.

IMS Access and Interconnect Peering

The Startelelogic SBC provides the first line of defense againt fraud and malicious attacks with its extensive set of layered security capabilities protecting network and supporting uncompromised service quality.

The Startelelogic SBC delivers comprehensive session control, interworking and media management functions, including transcoding at the network border to enable high-quality SIP and H.323 peering services.

World-Class Support Programs

The Startelelogic delivers flexible and highly skilled support globally. Customers can choose from an array of contracts and support levels, which allow them to access to a seasoned support team with a proven track record and expert product knowledge. In addition, Startelelogic training experts offer a wide range of education programs on Startelelogic products.

To learn more, please visit our website:
https://www.startelelogic.com/

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CONTACT

INDIA: +91-120-433-3335

USA: +1-315-400-1490

www.startelelogic.com

info@startelelogic.com