TeleOSS

Reliable message delivery pathways

SMPP to SIGTRAN Converter

In this day and age, Short Messaging Service (SMS) is the quickest way to build links and collaboration between people no matter where they are in the world. Advanced technology fosters a multitude of options when it comes to SMS delivery. However, it remains an issue for businesses to find the best pathway and protocols that can help them connect with clients instantaneously.

SMS is valuable today, and more so in industries that require constant and open communication with their customer base. Considering lead time, costs, and volume, it's a must for enterprise to acquire the SMS delivery that enhances the experience of doing business. This outcome can be achieved with suitable protocol converters.

TeleOSS establishes its authority as a reliable brand for SMS delivery solutions and software development. The team is composed of R&D professionals who are experts in telecommunications and updated on trends and techniques that make SMS aggregation and termination a valuable experience. In this light, TeleOSS displays expertise in SMS protocol conversion.

The SMPP to SIGTRAN Converter solves the dilemma of complicated pathways and multiple protocols in message termination and aggregation. It cuts down expensive and time-consuming SMS delivery to provide a reliable way to send messages reliably. It guarantees consistent performance for subscriber to application correspondence and vice versa.

TeleOSS seamlessly integrates messaging protocols and determines the best pathway to deliver SMS in a timely and cost-effective manner. The result is faster delivery of high volume SMS that helps businesses grow in sales and customer base.

When you choose TeleOSS SMPP to SIGTRAN Converter, you get the benefits of a feature-rich channel that provides messaging solutions in just a few clicks.
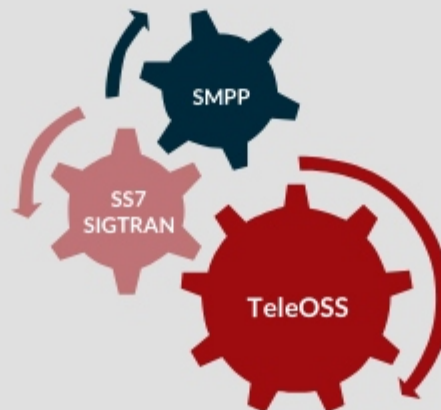
PRODUCT OVERVIEW

TeleOSS SMPP to SIGTRAN Converter bridges the gap between application and mobile devices for faster and more reliable connectivity. It provides a fast track of connection stability and high-capacity SMS termination. It combines the versatile and cross-functional SMPP protocol and cost-saving SIGTRAN that uses an IP-based transmission, giving reasonably priced SMS delivery.
The SMPP to SIGTRAN connector is a full default license that packs a horde of features and leverages internet connectivity to extend the reach of messages. An SMPP client can tap any mobile network using a SIGTRAN connection, widening the current VAS infrastructure to include multi-network entities.
With SMPP to SIGTRAN converter, SMS delivery is faster, cost-effective, and big-volume. Businesses can go beyond limits to enhance their messaging capacity, which establishes their name and success in the industry.

SMPP

SS7
SIGTRAN

TeleOSS

SMPP to SIGTRAN Connector

SMPP — Internet — TeleOSS Converter — SS7 NETWORK — User / User / User
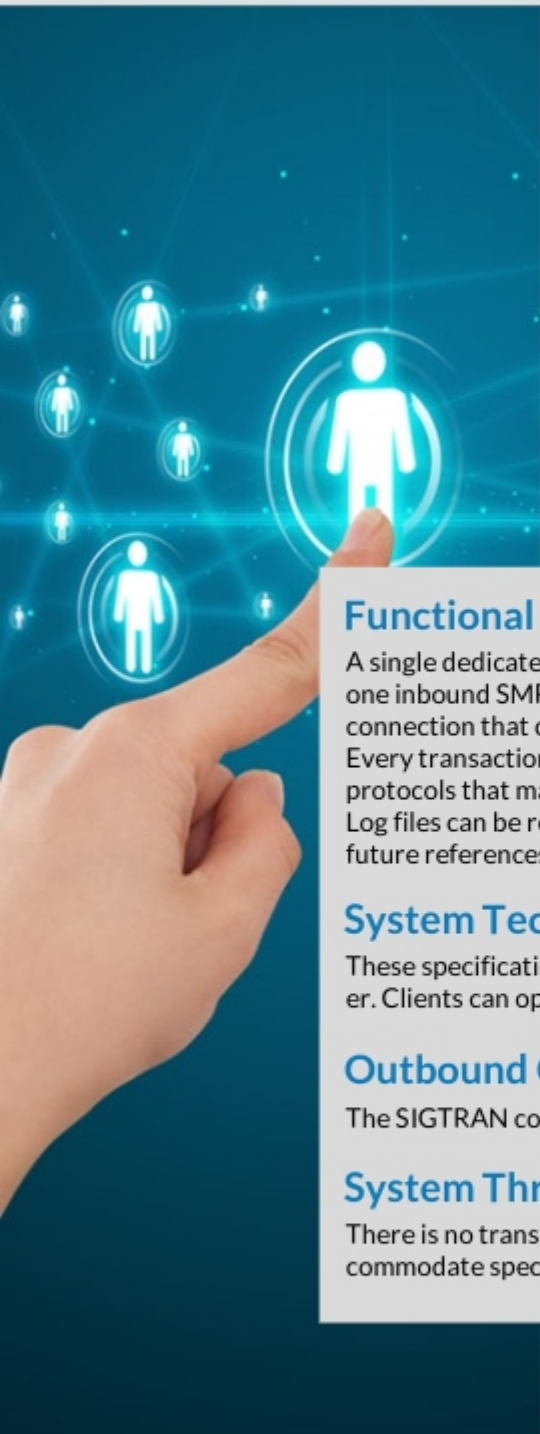
SMPP	SS7	SIGTRAN
• Short Message Peer-to-Peer • Used in GSM, iDEN, CDMA, UMTS and TDMA • Utilizes Level 7 TCP/IP • Allows messages to and from handsets • Handles high volume SMS	• Signaling System 7 • Standard in international communications • Offloads PTSN traffic congestion • Has high-speed circuits to exchange info to and from SS7 nodes • Cost-effective message termination	• Signaling Transport extension of SS7 family • Uses a unique IP transport SCTP • Sends SS7 signals over the internet • High-speed SMS delivery worldwide

SMPP to SIGTRAN Converter Features

The SMPP to SIGTRAN converter delivered by TeleOSS allows an SMPP client to tap into various mobile networks by allowing SIGTRAN connection to include the internet, extending message reach to a global scale.

Standard Features

The feature-rich SMPP to SIGTRAN Converter full default license provides a dedicated, high-performing outbound SIGTRAN connectivity to manage SMPP conversion. There is no GUI for the converter, but all relevant information, configurations, and transactional log can be accessed via file.
Log files for conversion transactions can be viewed in a predefined format for seven (7) days. SMS transactional log files are made available for one (1) month.

Functional Specification

A single dedicated SMPP port is available for every SMPP to SIGTRAN conversion. Every port has one inbound SMPP user that can use the connection to send an SMS. There is also one SIGTRAN connection that can be configured for every port.
Every transaction done using the SMPP to SIGTRAN converter is secure and reliable and employs protocols that make sending and receiving SMS quick and easy.
Log files can be retrieved to trace client transactions and are prepared in a predefined format for future references.

System Technical Specification

These specifications are available for every full default license of the SMPP to SIGTRAN converter. Clients can opt to purchase more than one license depending on the connection needed.

Outbound Connection

The SIGTRAN connection supports up to fifty (50) service providers for outbound transactions.

System Throughput

There is no transactions per second (TPS) commitment, but the converter is versatile and can accommodate specific connectivity requirements for better response time and performance.

Hardware/Software Specifications

Component	Recommended Specification
LAN Ports	GbE, Fast Ethernet, Ethernet ports
Operating System (OS)	CentOS 7.8 - 64 bit
Database	No database ; transactions handled by the long file
Application	Java J2EE 7 & JDK 8

Why Trust TeleOSS?

TeleOSS provides versatile solutions for SMS delivery and leverages different protocols to ensure a dependable and excellent capacity message aggregation and termination. Why choose the SMPP to SIGTRAN converter from TeleOSS? Here are the reasons.

Reliable Performance

The high-performing converter is implemented for SMS delivery, ensuring fast and secure transactions. Short messaging is essential in businesses, connecting retailers to clients on a stable network.

Scalability

Product deliverables depend on the number of licenses a user requires for their business. The SMPP to SIGTRAN capacity is flexible and can lead to revenue growth and expansion in service.

Load Balancing

The TeleOSS SMPP to SIGTRAN Converter has a steadfast load-balancing apt for an enterprise' SMS termination needs.
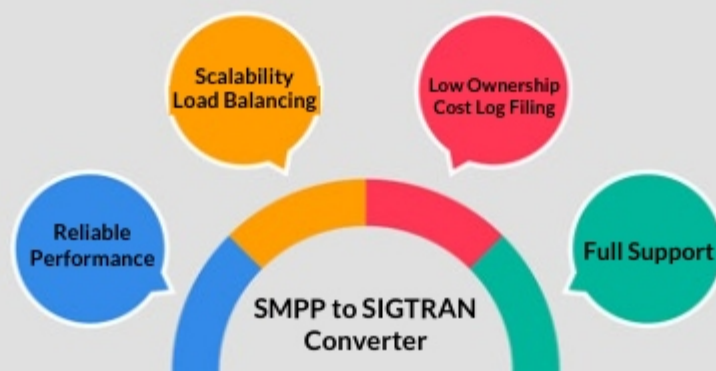
Low Ownership Cost

The converter is on a per-license basis, so the license holder only pays for what they need.

Log Filing

The log validity provided via a predefined format and sent through a file contains all vital information regarding conversion transactions.

Full Support

TeleOSS is committed to providing the best customer experience by giving 24/7 support for their clients.

Scalability
Load Balancing

Low Ownership
Cost Log Filing

Reliable
Performance

Full Support

SMPP to SIGTRAN
Converter

Designed by Teleossco Software Pvt. Ltd.

TeleOSS is a product made by Teleossco Software, tracing its roots in Ahmedabad, India. It is developed as a solution to Value-added Services in SMS. TeleOSS brings forth a rich combination of quality and efficiency in every feature of the product.

Emerging technologies in telecommunications bring TeleOSS closer to the world. It offers product-based solutions that are scalable and reliable to attain better revenue growth for any business environment. Almost all systems and servers of TeleOSS are transformed into an open-source technology to keep performance consistently high and secure 24/7. For modern SMS delivery solutions that are integrated with the latest protocols, TeleOSS handles it all.