prime

Wavenet Prime SMS HUB

Connecting Mobile Network
Operators to the world

Prime is a scalable, high-availability messaging platform offered to CSPs and mobile operators, with capabilities in managing multiple messaging modes such as SMS,MMS & USSD.

WHAT IS PRIME SMS HUB

Prime SMS hub is a platform that acts as a centralized clearinghouse for SMS traffic between multiple mobile network operators (MNOs). Prime SMS hubs facilitate interconnection between MNOs, enabling them to exchange SMS messages with each other without having to establish individual connections.
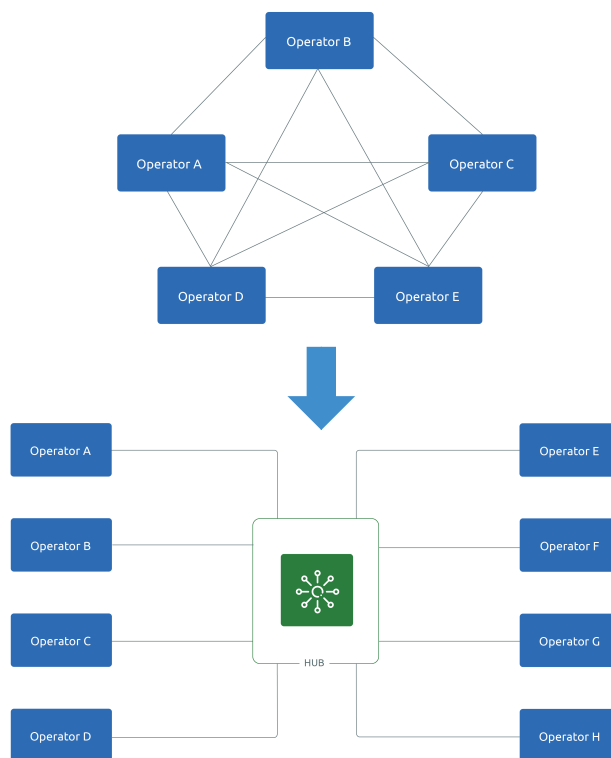
Prime SMS hub can provide several benefits for MNOs, including simplified interconnection, reduced costs, improved delivery rates, and access to new markets. Prime SMS hubs are particularly useful for smaller MNOs that may not have the resources to establish individual connections with multiple networks.

PRIME SERVICES

Prime Services

PRIME SMS HUB ARCHITECTURE

KEY FEATURES AND BENEFITS

Key Features

⊕ SS7 compliance

⊕ Mobile Number Portability (MNP)

⊕ vHLR: Virtual (or emulated) HLR

⊕ Transparency

⊕ vMSC: Virtual (or emulated) MSC/VLR

⊕ Loopback Feature

⊕ vSMSC: Virtual (or emulated) SMS

⊕ Address Manipulation

⊕ Configurable retry schemes

⊕ RSDS and Alert Handling

⊕ SRI caching

⊕ IMSI hiding

Key Benefits for Operator

Drives Revenue

Allows operators to significantly expand their SMS service reach globally and generates new revenue streams

Reduces Operational Costs

Carrier-grade interconnection system supporting global messaging network reach through a single interface

Customer Loyalty

Increases subscribers' satisfaction by enabling them to send and receive messages globally to larger network coverage.

Intelligent SMS Routing

A multi-PLMN (Public Land Mobile Network) solution that allows the hub operator to manage all international traffic to and from each mobile operator separately.

Efficient Global Interoperability

Facilitates the delivery of two-way international SMS messaging in a reduced time and at least costs to more subscribers, of more mobile networks, in more countries.

Network Optimization

Efficiently handles SMS traffic to cope with complex flows and high load scenarios. It allows the routing and optimization of traffic across multiple SMSC's in the global mobile network flexibly.