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Messaging and SMS Hub

Interconnection with any mobile network, application or content ptrovider

The SMS routing hub is a powerful platform that enables interconnection with any mobile network, application, or content provider to ensure successful messaging delivery.

It helps service providers streamline interconnectivity with mobile network and other partners by providing a single, unified access point to reach destination networks.

Overview

The SMS routing hub supports interfaces to legacy and NFGN networks, with any-to-any routing across IP and SS7. It also includes GTT routing, enabling it to be deployed as an STP or SG in your network. It handles high-volume throughput for both A2P and P2P messaging services.
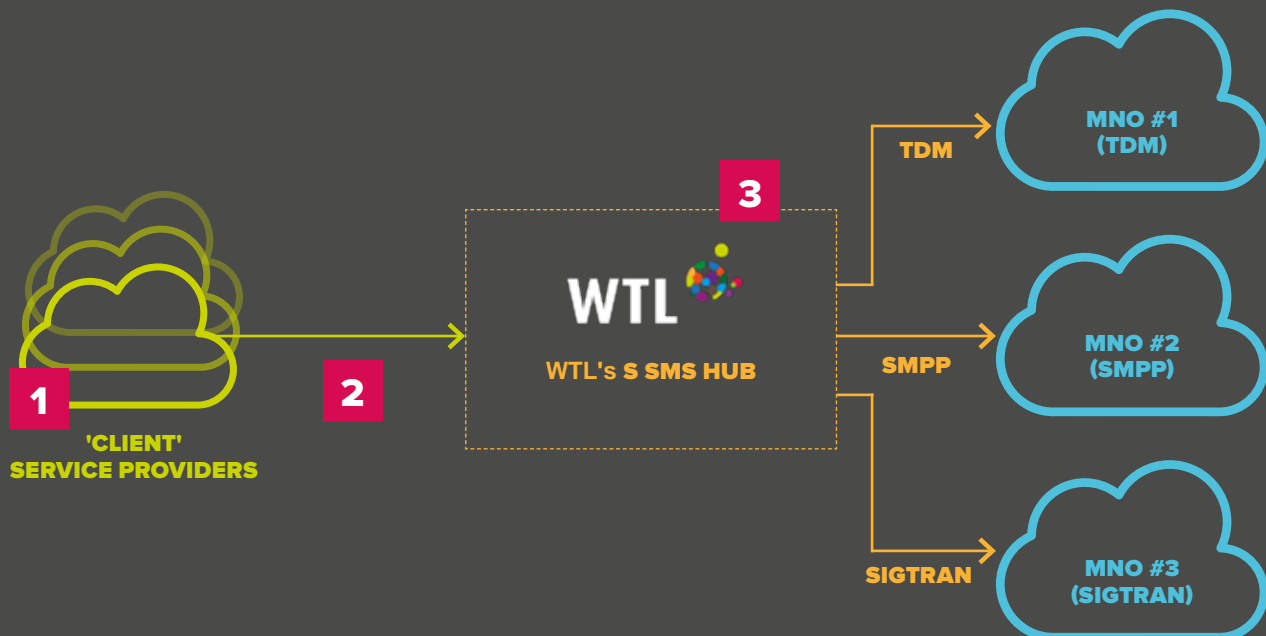
WTL's' products are engineered to deliver, without performance loss as they grow. At high capacity, the SMS routing hub can sustain traffic at 1000 MSUs per second across multiple interconnection points.

SMS remains an essential service and is of growing importance for B2C communication - but many operators are challenged to create the reach they need for reliable global delivery.

The SMS routing hub solves this problem, cost-effectively and with the scale to meet all requirements.

Features

- Any-to-any connectivity, across SS7, SS7 over IP and IP interfaces

- Per-operator interoperability control and QoS reporting

- Flexibility to modify SCCP information and other SS7 parameters

- Integrated GTT function

- SMPP support

- Deploy as SMSC, GSMSC, SG or STP

- Full MNP support

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1 TDM → MNO #1 (TDM)

2 SMPP → MNO #2 (SMPP)

3 SIGTRAN → MNO #3 (SIGTRAN)

WTL
WTL's S SMS HUB

1 'CLIENT' SERVICE PROVIDERS

1 Clients: MVNOs, smaller MNOs, Content Providers, SMS Marketers

2 Single Connection to Hub gives access to all other connected networks

3 Hub routes SMS traffic to connect operator

Benefits

WTL's SMS routing hub enables you to build relationships with multiple service providers and SMS aggregators, and offer them seamless routing capabilities, building a powerful profitable message hub service.

Its flexibility means you can interconnect over any means – SS7 over IP (M3UA), legacy SS7 (MAP / TCAP) or SMPP for enterprise or content providers. In addition, USSD is supported, which enables service activation and interaction with users.

It helps to build an effective messaging routing business by connecting multiple service and content providers, and enabling them to easily reach the desired mobile network destinations and to receive traffic.

With rich CDRs, it gives you full control to create a rewarding business.

The SMS routing hub is based on WTL's proven SS7 and IP expertise and has the flexibility to enable adaptation of individual SS7 messages for local signalling variants.

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