

SMS-MT SMPP

Product Data Sheet

TynTec's Mobile Terminated Messaging (SMS-MT) service enables the delivery of SMS messages directly to mobile subscribers' handsets. This outbound SMS service provides reliable and secure SMS sending to practically all GSM networks worldwide through a single messaging interface.

This service is based on TynTec's high performance messaging platform with direct access into the deep level global telecoms network (SS7).

Product Overview

- SMS-MT enables a wide range of industries to use SMS in many applications, from the person-to-person messaging to SMS chat and SMS-to-mail applications. This service can also be used for content delivery and to enterprise communications, especially for alerts and notifications.
- TynTec's SMS-MT guarantees the delivery of 100% of messages within 15 seconds to all connected networks.
- This service offers a highly secure, rapid and reliable communication channel into more than 75% of the mobile world and 99.7% in Europe with a single, direct path between sender and recipient.
- Large scale SMS-MT messages can be sent within low latency times.
- All message types and all originator types are supported within all networks.
- Delivery Receipts are provided for each message in real-time, sourced directly from the handset.
- Full Mobile Number Portability check is already included in this service. All messages reach their destination, regardless of the existence of ported numbers.
- Homogeneous service levels are provided in a secure environment through a flexible interface, what guarantees a high performance in SMS sending.
- The SMS-MT service also offers a SSMPP interface, what guarantees a secure encrypted SMPP connection for sending of messages.
- Connectivity to TynTec is available through a secure VPN link.
- TynTec provides the SMS-MT service through its custom-built SMS-Centre, allowing easy and rapid deployment, management and commercialization of SMS sending.
- TynTec provides all SMS services under a strict Service Level Agreement (SLA), including a 24/7/365 technical support.

Highlights

- Guaranteed delivery within 15 seconds
- SS7 connectivity
- High quality SMS delivery
- Worldwide coverage
- Strict SLA

Key Features

- Numeric Originator, Alphanumeric Originator or Short Code Originator individual on each message
- Unicode
- Binary messages
- Concatenated messages
- Flash SMS
- WAP-Push SMS
- TON/NPI settings
- Over the air (protocol ID)
- Mobile Number Portability check
- Real-time Delivery Receipts
- Buffered Notifications (notification after first delivery attempt)
- GSM Return Codes in DLRs
- Geographic Time Stamps
- Message Expiry Control
- SSMPP connection



Services Enabled by SMS-MT

- Person-to-Person SMS
- Application-to-Person SMS
- SMS Chat
- Notifications and alerts
- SMS-to-email applications
- Machine-to-machine communication
- Mobile content delivery, such as ringtones and logos
- Timetable enquiries and information

Industry Sectors Using this TynTec Solution

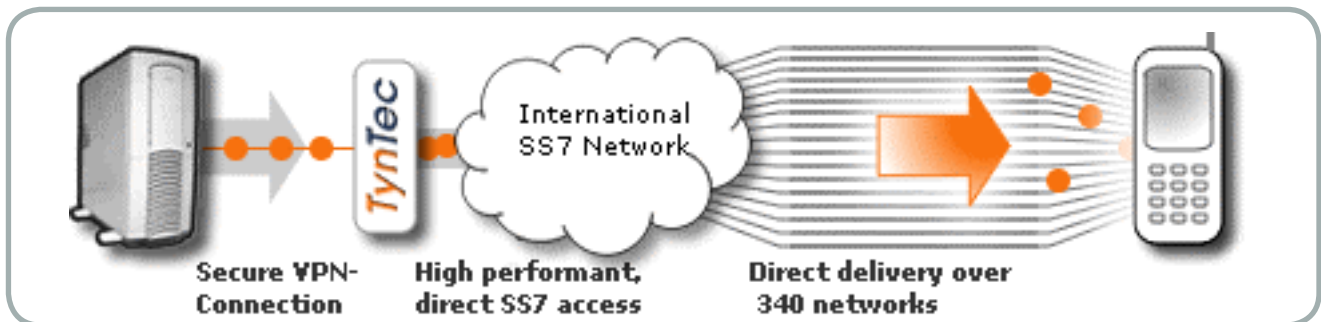
- Message aggregators and resellers
- Mobile content providers
- Mobile Virtual Network Operators (MVNOs)
- Mobile Virtual Network Enablers (MVNEs)
- Mobile Network Operators (MNOs)
- Wireless application service providers (WASPs)
- Mobile infrastructure providers
- Enterprises
- Advertising agencies and media channels

Benefits

- Customers take advantage of a higher quality of SMS sending through SS7 links, which is suitable for mission-critical messaging
- Worldwide coverage enables customers to reach a large subscriber base

Tech Specs

- Throughput: 80 SMS-MT per second
- Interface: SMPP v3.4, SSMP, VPN
- Technical Availability: 99.7% on six month basis
- Connection: IP (VPN on request)
- Validity Period for each SMS: 48 hours
- Latency: <10 seconds
- Technical support: 24/7/365
- Telco-grade security



About TynTec

TynTec is a mobile messaging operator, offering enterprise-quality SMS services to mobile operators, enterprises, internet and mobile services providers. Because of the unique way in which TynTec manages SMS transmission, the company is leading the industry in the provision of Service Level Agreements (SLAs) for messaging. By committing to strict parameters of reliability, throughput, uptime and speed, TynTec can offer its clients messaging services that are suitable for truly mission critical environments. TynTec offers a broad range of messaging services to its clients, such as inbound and outbound SMS services, SMS hubbing, unified inbound messaging and real time network data.

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