

2-Way SMS Product Data Sheet

The 2-Way SMS solution is the seamless combination of TynTec's SMS-MT and SMS-MO services. Based on TynTec's high performance messaging platform with direct access into the deep level telecoms network (SS7), this service provides secure and reliable SMS sending and receiving to practically all GSM networks worldwide through one single messaging interface.

Product Overview

- The 2-Way SMS service can be used to optimize processes by sending and receiving mission-critical SMS directly to / from applications. The combination of SS7 connectivity and proprietary SMS platform guarantees that all messages are delivered in defined time frames to all connected networks.
- 2-Way SMS can be integrated into systems such as ERP, CRM, desktop applications, business applications and systems, instant messenger applications for businesses and near-real-time gaming. The 2-Way SMS functionality also allows the reception of messages in direct response to applications
- Homogeneous service levels are provided in a secure environment through a flexible interface, what guarantees a high performance in SMS exchange. Connectivity to TynTec is available through a secure VPN link.
- Full Mobile Number Portability check is already included in this service. All messages reach their destination, regardless of the existence of ported numbers.
- Delivery Receipts are provided for each SMS, sourced directly from the subscriber's handset.
- The service allows reception of large amount of messages and enables the functionality to reply directly into applications. The reception of messages is enabled through Long Numbers, which are non-premium inbound numbers.
- Long Numbers are internationally accessible for SMS reception. Long term use and exclusive assignment can also be made available.
- SMS delivery and reception are integrated in a secure environment through a high performance and flexible interface.
- TynTec provides all SMS services under a strict Service Level Agreement (SLA), including a 24/7/365 technical support.

Highlights

- Seamless SMS sending and receiving
- Guaranteed delivery within 15 seconds
- International SMS reception through Long Numbers
- Worldwide coverage

Key Features

SMS sending:

- 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)
- Full GSM Error Codes
- Local Time Stamps
- Message Expiry Control

SMS receiving:

- Global Title of sending SMS-C
- Time Stamps with time of SMS sending



Services Enabled by 2-Way SMS

- Machine-to-Machine communication: informing about gas leaks, fire, meter reading, etc.
- Application-to-Person SMS
- Time table inquiries and information
- Reception of SMS to be forwarded to computer or user account
- Interactive applications or games
- 2-Way SMS solution integrated into ERP and CRM systems, desktop applications and instant messenger applications and systems

Industry Sectors Using this TynTec Solution

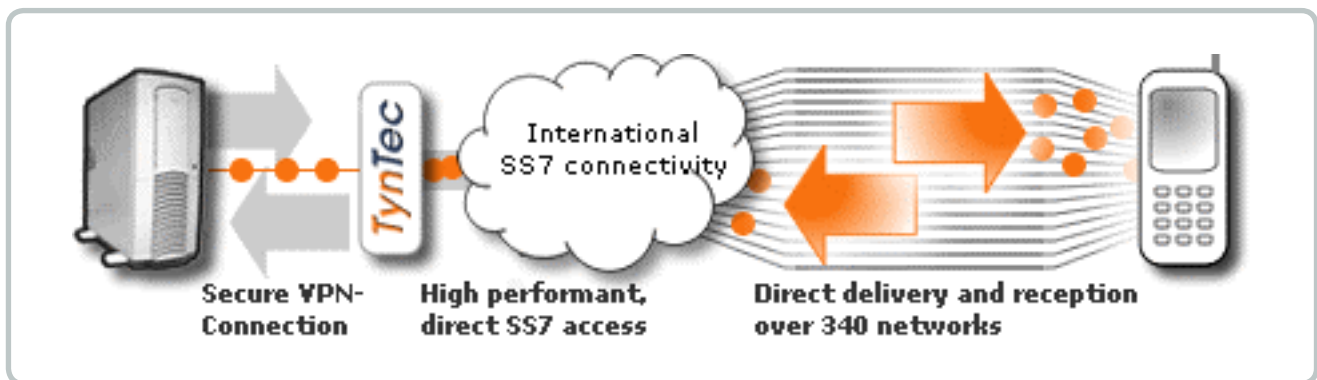
- Wireless application service providers (WASPs)
- Enterprises
- Mobile Network Operators (MNOs)
- Mobile Virtual Network Operators (MVNOs)
- Mobile Virtual Network Enablers (MVNEs)
- Message aggregators and resellers
- Advertising agencies and media channels

Benefits

- Customers take advantage of a high quality SMS sending and receiving, what is suitable for mission-critical messaging
- Reception through Long Numbers gives international accessibility, as well as being non-premium inbound numbers

Tech Specs

- Throughput: 80 SMS-MT / MO per second
- Interface: SMPP v3.4
- 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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