

International Messaging Transit (IMT)

Product Data Sheet

TynTec's International Messaging Transit (IMT) is a GSM Association (GSMA) approved SMS hubbing service that enables seamless 2-way SMS across mobile operators worldwide. TynTec's IMT complies with the GSMA Open Connectivity Requirements, as well as providing additional features beyond the GSMA standards.

Today international cross-operator SMS messaging reach is limited due to the need of bi-lateral roaming agreements enabling international SMS. IMT extends the SMS messaging coverage without the need of signing additional roaming agreements.

Product Overview

- TynTec's IMT is a SMS hubbing service and fully compliant to the GSMA Open Connectivity High Level Requirements and the SMS Hubbing standards.
- TynTec's IMT enables seamless 2-way SMS to all non-connected networks of the mobile operator, providing a quality of service for SMS routing through an end-to-end Service Level Agreement (SLA).
- The IMT service allows operators to connect using their preferred connection method, including SS7 and SMPP.
- IMT manages the transport of SMS messages between all standards (SMPP-to-SMPP, SMPP-to-SS7, SS7-to-SMPP and SS7-to-SS7).
- Extensive termination capabilities for message termination that involves all roaming situations.
- Full resolution of Mobile Number Portability (MNP).
- Additional features, such as advanced Anti-Spam and Anti-Spoof utilities, reporting capabilities, transparency in all transactions and cascade-billing are also available.
- Reporting capability through the IMT Portal, in which operators can configure their required reach and review the status of their connections at any time through a central interface.
- IMT offers stable processes for end-to-end testing before activation of SMS inter-working, necessary configuration, fault resolution and other operational tasks.
- IMT provides SMS handling and SMS routing capabilities for CDMA, TDMA, 3G, fixed and pager networks.

Highlights

- Compliant to the GSMA
- Completed SMS hubbing trials in 2006
- 2-way SMS
- SS7 and SMPP connectivity options
- IMT Portal
- Strict SLA

Key Features

- Full transparency for Mobile Number Portability for all messages and all interfaces
- Full support for all roaming situations
- Advanced anti-spam and anti-spoof utilities



Services Enabled by IMT

- ➔ Operators sign one single IR21 agreement (SMS only) and receive several hundreds of networks for SMS interconnect.
- ➔ IMT allows managing one single legal, technical and billing relationship rather than hundreds of additional roaming agreements only for SMS messaging.
- ➔ Operators connecting to TynTec's IMT retain all known procedures and capabilities of their normal network, billing and roaming operations.
- ➔ TynTec's IMT integrates seamlessly into existing prepaid and existing billing systems.

Benefits

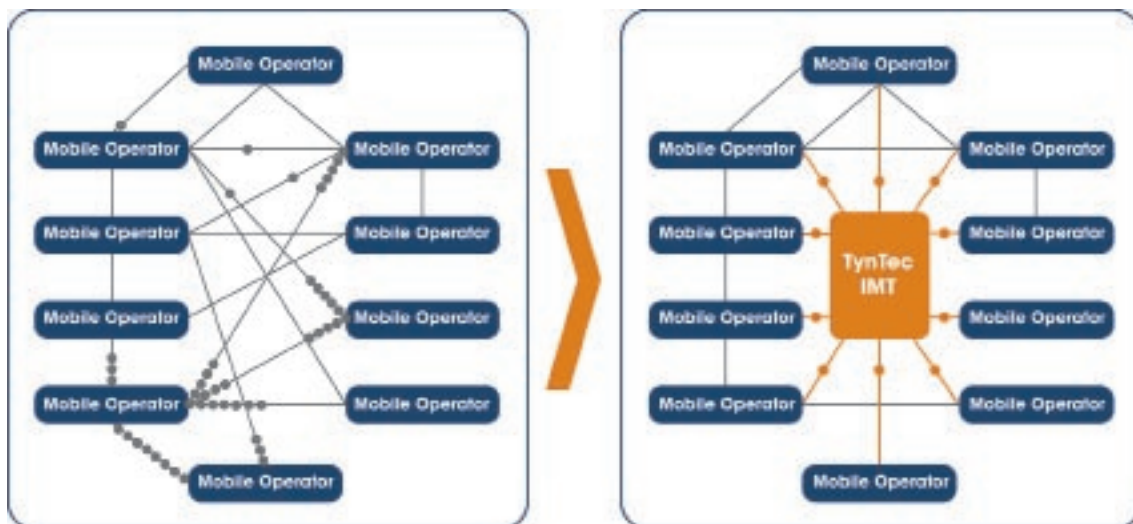
- ➔ Worldwide coverage enables operator customers to reach a large subscriber base through one connection to TynTec.
- ➔ 2-way SMS connectivity without the need to sign additional roaming agreement.

Industry Sectors Using this TynTec Solution

- ➔ GSM Mobile Network Operators
- ➔ GSM Mobile Virtual Network Operators

Tech Specs

- ➔ Technical availability: 99.97% on six month basis
- ➔ Connection: SS7 and SMPP
- ➔ 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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