

tyntec

Sophisticated Simplicity
In Mobile Interaction



Product Data Sheet
tt.One



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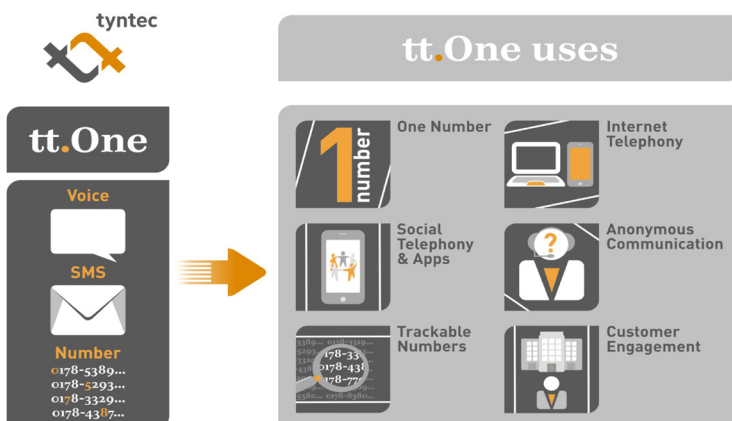
tyntec enables businesses to integrate mobile telephony by using universal and ubiquitous services – SMS, voice and numbers – in a simple and high quality way with its tt.One solution.

Bridging the telecom and internet worlds

Many companies – especially in the internet field – are looking to integrate mobile telecom services such as voice, SMS and the provisioning of mobile numbers. However, the technical and structural complexities of the telecom world make such an integration a complex and lengthy undertaking.

tt.One removes these complexities and handles the communication and translation between the different marketplaces, enabling the seamless convergence between the telecom and internet worlds. With tt.One businesses can add a mobile phone number to online services, web 2.0 and apps with all its capabilities translated into the IP environment in a carrier-grade, easy-to-integrate and international manner.

tt.One overview



tt.One is centered on providing standard mobile long numbers, which are inbound numbers that are globally reachable and multimedia-supported enabling voice, SMS text messages and data to be received.

Who can use tt.One?

- Internet companies
- Social networks & micro-blogs
- Virtual dating companies
- Phone & social app providers
- E-commerce and e-payment companies
- VoIP providers
- Enterprises

Features

- Quickly and easily scalable and able to handle high volumes
- Use of standard IP protocols for easy integration
- Standardized set-up for different countries
- Fully redundant gateways, servers and interconnection links
- Reliable, patent-protected technology

Tech Specs

- SMPP V3.4 or HTTP(S) for SMS handling
- Fully SIP compliant according to SIP RFC3261, SDP RFC2327, RTP 3550 for voice
- DTMF support according to RFC 2833
- Multiple codecs supported (G.711, G.729, more on demand) with dynamic codec negotiation
- Calling Line Identification (CLI) supported

tt.One: business use cases

One number and cloud telephony services: Internet companies can offer consumers a one-phone-number service, which can enable the redirection and management of all inbound and outbound telephone calls and SMS via an online interface.

Internet telephony: tt.One allows businesses to offer their customers a virtual phone number, enabling ordinary phone users to dial their VoIP account and vice versa.

Social telephony: Integrating universal mobile services into social networking can create an additional interaction channel for brands and consumers.

Anonymous communication: Temporary phone numbers can be distributed to allow consumers to speak and send SMS on their mobile phones without revealing their personal contact details.

Trackable numbers: Associate the mobile numbers with enterprise use cases such customer communications.

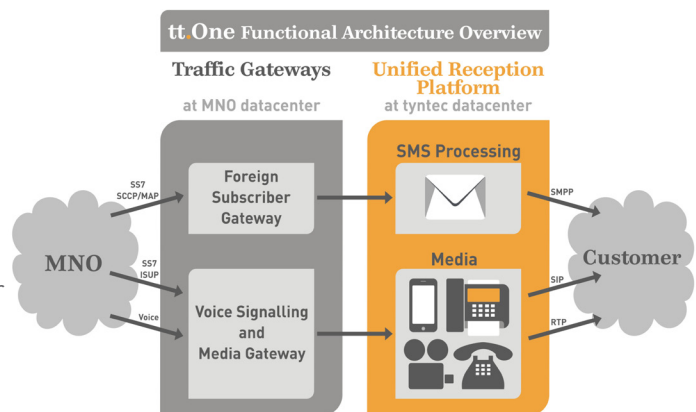
Key benefits

- 24/7 business-class support
- One point of access to telco space
- Globally-enabled virtual numbers
- Easy-to-use and quick to implement
- Reliable and advanced infrastructure
- Strong coverage deployment roadmap to new countries

How does tt.One work?

We work closely with global operators to deploy our traffic gateway technology on-site and integrate it with their systems, all the while working transparently to ensure the highest possible level of security. Our patent-protected technology enables us to convert voice and SMS traffic into an IP compatible format.

It handles the variety of formats in the field of telecommunications to ensure a uniform service behavior for the end consumer. In addition, our infrastructure automatically looks up which customer the call and message belongs to and transcodes and forwards it to the respective customer server.



About tyntec

tyntec is a mobile interaction specialist, enabling businesses to integrate mobile services for a wide range of uses – from mission-critical applications to internet services. Our company reduces the complexity involved in accessing the closed and complex telecoms world by providing a high quality, easy-to-integrate and global offering using universal services such as SMS, voice and numbers. Founded in 2002, and with more than 150 staff in five offices around the globe, tyntec works with 500+ businesses including mobile service providers, enterprises and internet companies.

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