



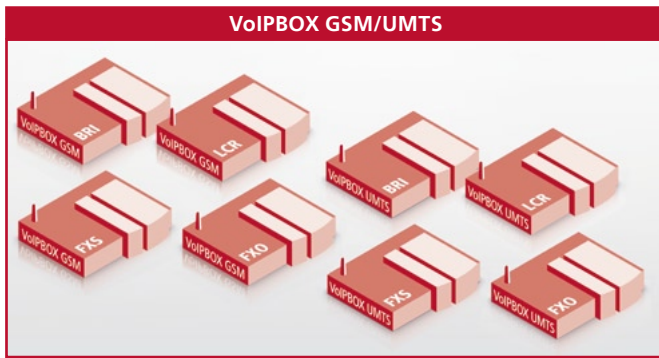
# Mobile Gateways

# Solution Highlights

- Mobile gateways designed for GSM, CDMA, and UMTS networks
- Wide selection of signaling protocols including ISDN, CAS/R2, SIP, and H.323
- Concurrent support for mobile, VoIP, and fixed-line ports
- Very high mobile channel utilization
- Field proven interoperability with large number of equipment providers
- Centralized dynamic SIM card management
- Support for number portability to avoid “cross network” calls
- Minimized OPEX with TELES remote management and diagnostic system
- Systems installed worldwide

# Product Range

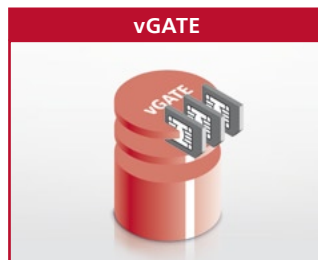
## VoIPBOX GSM/UMTS



### VoIPBOX GSM/UMTS

- 8 channel VoIP to GSM gateway
- 4 channel GSM gateway
- FXS or BRI extensions
- SIM server compatible

## iGATE Series

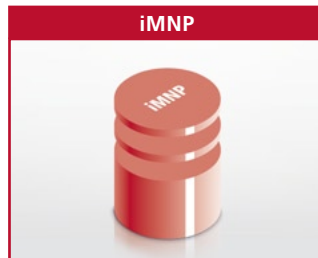
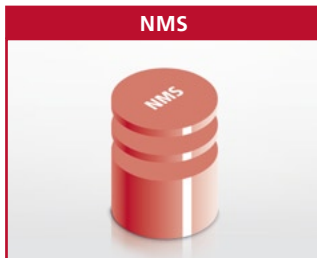


### iGATE

- Mobile gateway for GSM, UMTS and CDMA
- Supports up to 32 channels

### vGATE

- Centralized dynamic SIM card management



### NMS

- Management system for ISDN-VoIP gateways and mobile gateways

### iMNP

- Database solution for mobile number portability

# Mobile gateway solution

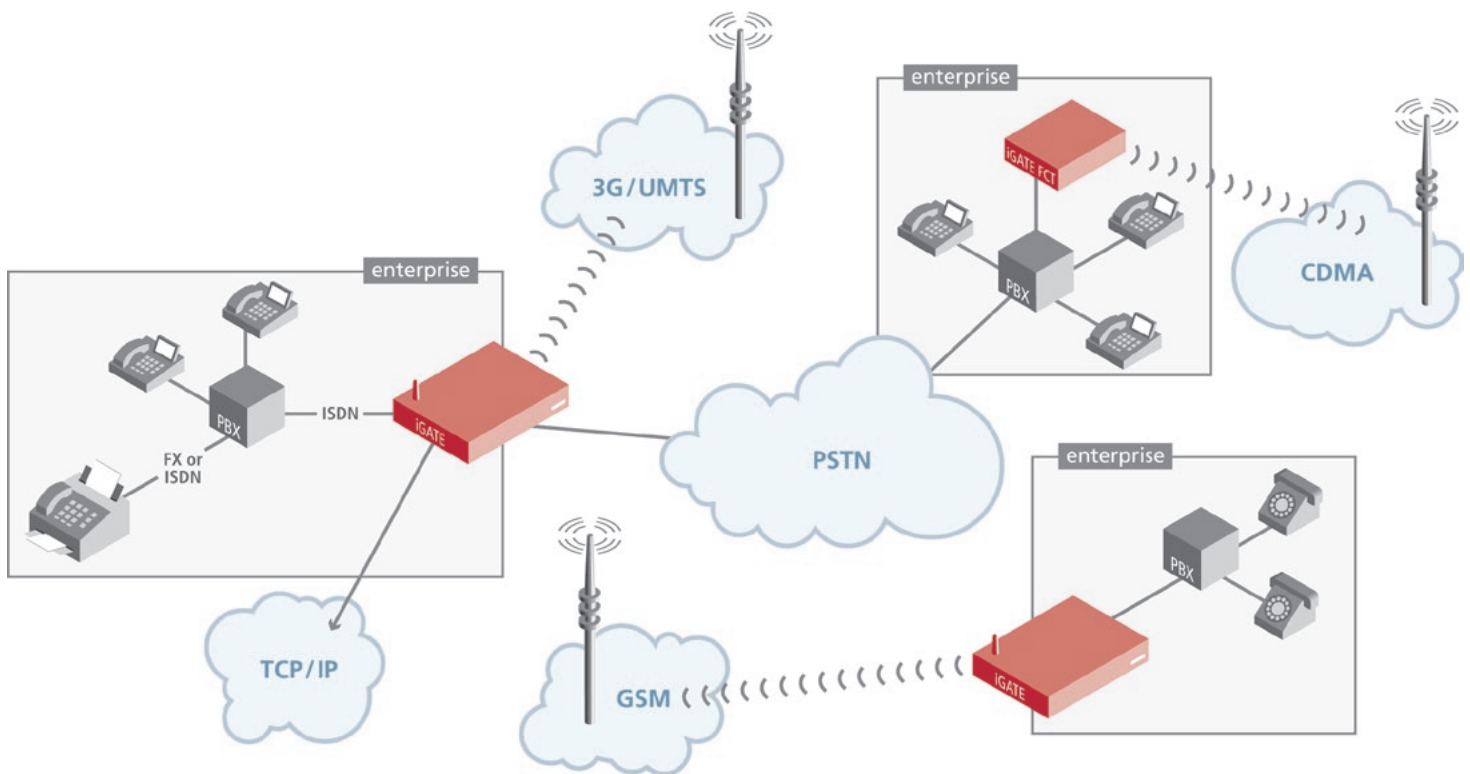
Save your corporation from the high costs of phone-calls placed from a fixed line to a mobile network. Replace those high costs with the significantly lower rates for mobile-to-mobile calls within the same mobile network.

You define your corporation's needs and TELES will provide the solution. Our extensive portfolio supports you and your corporation. TELES mobile gateways start with small 1 and 2 channel units and extend up to carrier-grade 19" systems with 32 channels.

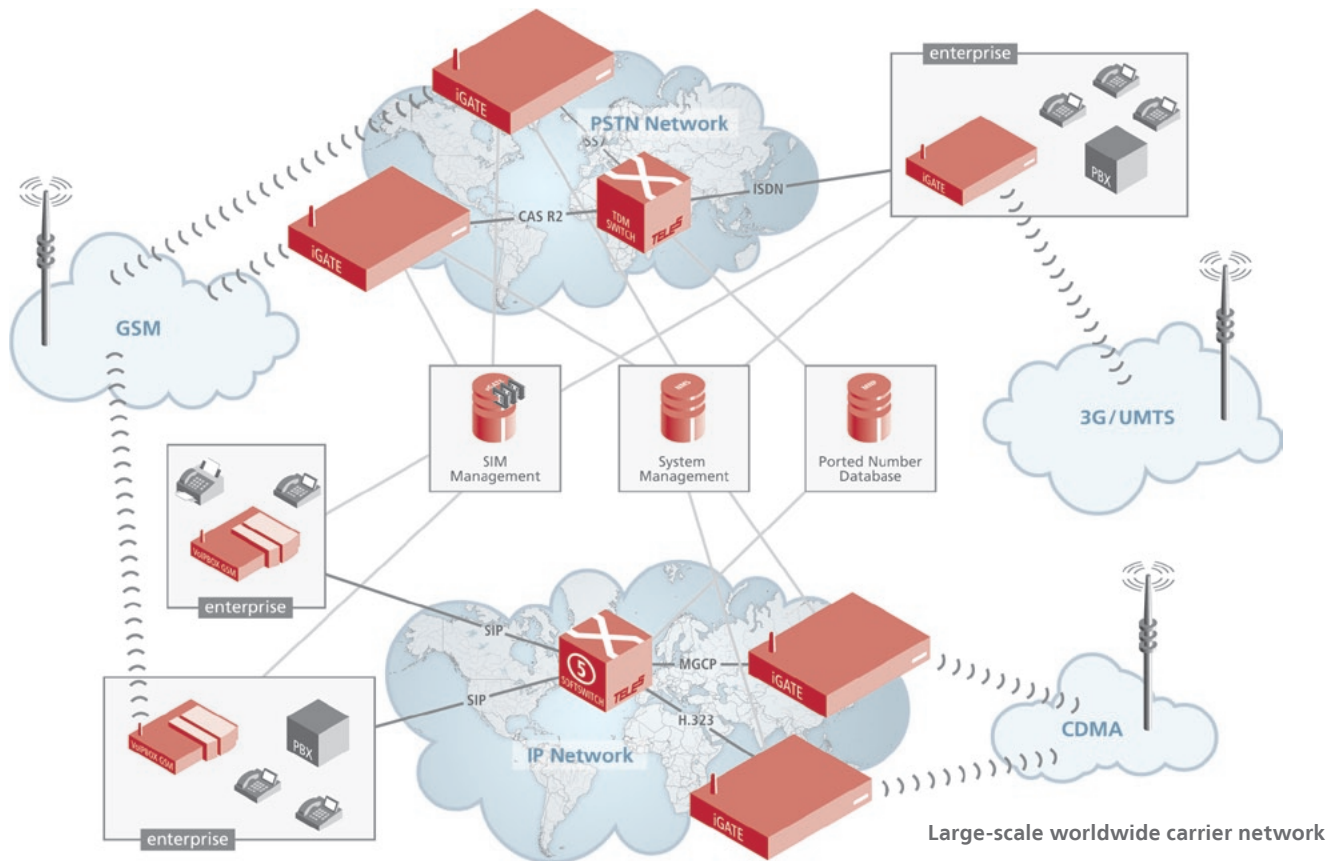
Feel confident and secure knowing that you've chosen a company with experience, commitment, and flexibility. With any-to-any connectivity and outstanding inter-operability, we've installed more than 500,000 solid mobile channels. And, since 2001, we've stood behind those installations.

You also minimize OPEX, maximize revenues and reduce the costs for maintenance and training. From your comfortable office, you can configure, control, and maintain the entire network of TELES mobile gateways. Our Network Management System automatically informs you of problems enabling you to respond quickly and efficiently.

If you are operating a larger deployment, you can even gain security using the TELES vGATE SIM Server. Our centralized SIM card server ends time consuming travel to replace SIM cards and theft of SIM cards that have been left in unattended GSM gateways.



Fixed mobile application for corporations



Large-scale worldwide carrier network

Benefit from TELES any-to-any network connectivity. Setup an international voice carrier with termination in different types of mobile networks using only TELES equipment. Regardless of whether calls are terminated in GSM, CDMA, or 3G networks, TELES Access Mobile gateways are fully compatible with all protocols and equipment found in today's multi-vendor environment. In addition, iGATEs can be connected to NGN infrastructure as well as to legacy switching equipment.

Save money and eliminate SIM card theft by centralizing storage using our vGATE SIM Server. Centralization enables extensive monitoring and every SIM card from the card pool can be made available to each mobile channel. This ensures that the most attractive tariff option is used throughout the worldwide mobile gateway network. Automatically detect blocked SIM cards. Real-time alarm signal-

ing enables immediate response, from a remote location, thereby ensuring minimum loss of traffic and revenue.

To optimize cost savings, the TELES iMNP database matches the mobile operator with the destination number before the call is set up. Call initiation occurs using a SIM from the destination operator's network, resulting in the lowest possible call rate. Without the TELES iMNP, expensive cross-network calls dramatically increase the costs of the worldwide mobile network.

Ensure your independence, significantly optimize productivity, and reduce the size of your support team. The TELES Network Management System provides the perfect solution to your configuration and maintenance needs. You can simultaneously administer, test, and maintain up to 100,000 network elements.

# About TELES AG



TELES provides NGN solutions to the world's most forward-looking network service providers. With our complete Class 4 and Class 5 NGN solution portfolio, we're guiding the deployment of global service provider networks.

Always leaders and innovators, we can look back on an impressive 25 year track record of more than 200 carrier and service provider networks and millions of voice ports deployed. And, since 1996, TELES customers have been enjoying the benefits of our advanced VoIP solutions.

Today, we are building on that success. Our cluster-based architecture is showing the way forward for high-demand, global NGN implementations.

Realize your NGN future with the TELES NGN portfolio of products which includes entry-level enterprise IADs and extends to NGN solutions for major carrier and service provider networks.

A Deutsche Boerse Prime Standard listed company with headquarters in Berlin, TELES is a global NGN player with a research and development commitment that is second to none. As well as placing ongoing investment into our German facilities, we have also expanded our R&D operations into Asia and the Middle East.

We maintain solid international market presence through our Europe, Middle East, Latin and North American sales offices as well as our global network of distributors and system integrators.

## NGN PRODUCTS AND SOLUTIONS

### Access Gateways

Mobile Gateways

VoIP Gateways

Business IADs

### TELES NGN

Class 4 Softswitches

Class 5 Softswitches

Media Gateways

### Applications

Residential VoIP

IP Centrex/Mobile Centrex

Wholesale/Long Distance

### Your TELES Representative

Find out more: [www.teles.com](http://www.teles.com)

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