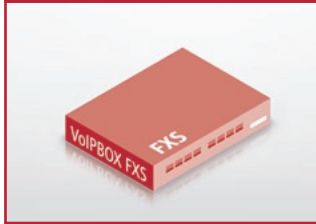# TELE**5** AG
Informationstechnologien

VoIP Gateways

Solution Highlights

❙ VoIP gateways designed for carrier and enterprise market

❙ Support for digital and analog ports

❙ Available in 2 to 180 channels configuration

❙ Wide selection of signaling protocols including ISDN, SS7, CAS/R2, SIP, H.323, MGCP

❙ Toll-grade voice quality

❙ Support for T.38 and G.711 fax transport

❙ Field proven interoperability with large number of equipment providers

❙ Minimized OPEX with TELES remote management and diagnostic system

❙ Systems installed worldwide

Product Range

VoIPBOX FX

VoIPBOX FXO	VoIPBOX FXS

VoIPBOX FXS 4/8/16
- VoIP gateways with up to 16 FXS ports

VoIPBOX FXO 4/8/16
- VoIP gateways with up to 16 FXO ports

ISDN / SS7

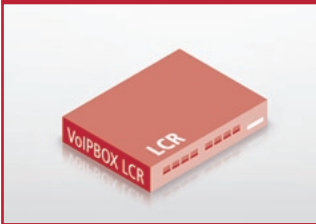| VoIPBOX BRI	VoIPBOX PRI

VoIPBOX BRI
- BRI VoIP gateway with up to 4 BRI lines

VoIPBOX PRI
- PRI VoIP gateway for up to 180 channels
- LCR and SS7 variants

VoIPBOX LCR

VoIPBOX LCR

VoIPBOX LCR 2/4/8
- VoIP least-cost router for up to 8 analog lines
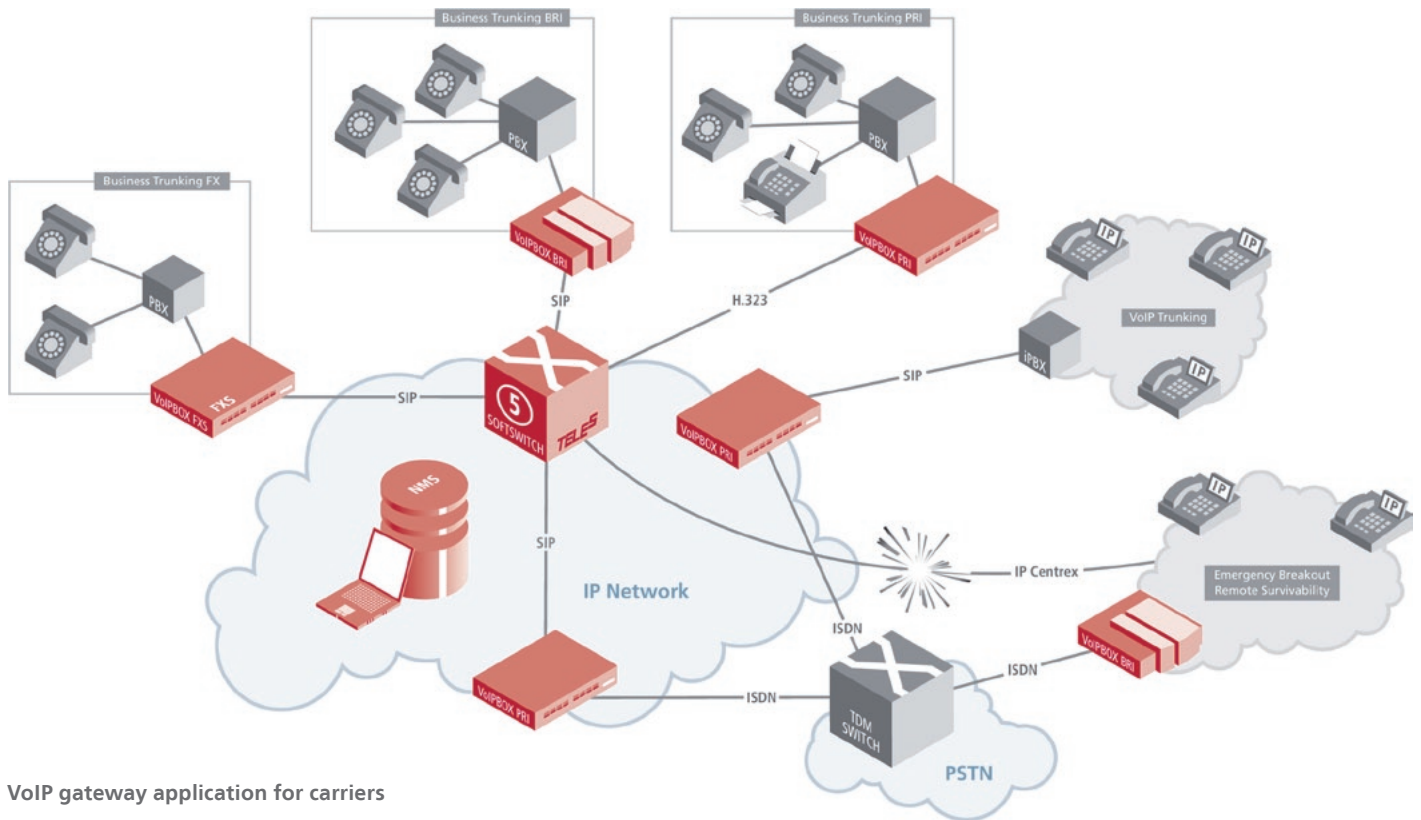
NMS

NMS

NMS
- Management system for ISDN-VoIP gateways and GSM gateways

VoIP gateway solution

VoIP gateway application for carriers

Increase your profit and deliver a cost-effective solution to your business customers. For over a decade, TELES reliability and commitment to development has helped carriers just like yours satisfy customers. Read on and we'll start to explain just how we do it.

You realize increased profit because we make setup, maintenance, and administration easy. Our Zero-touch automatic provisioning does away with manual configuration. Our Network Management System (NMS) supports remote management of up to 100,000 VoIP gateways. From the comfort of your office, you can configure, control, and maintain the entire network of TELES VoIP gateways.

Reliability is fundamental to you, as it is to us. TELES has invested all the resources necessary to ensure that we can adapt to faulty third-party equipment. Not only is our software tolerant, if something happens you are notified automatically, thereby enabling you to respond quickly and efficiently. As a last resort, our gateways even know when to reboot.

You want to guarantee familiar telephone service to your business customers. We come as close as possible to an absolute guarantee. Call it PSTN fallback; call it Remote Survivability; call it backing-up a centrex dependent corporation. TELES does everything to ensure that your business customers' phones remain functional. And, our VoIP gateways recreate the ISDN features that your customers are familiar with and rely upon.

In short, your business customers benefit from minimized OPEX and maximized revenues. Therefore, so do you.

Improve telephony service and save money. For over a decade, TELES has been helping corporations just like yours improve telephony service and save money. Read on and we'll explain just how we do it.
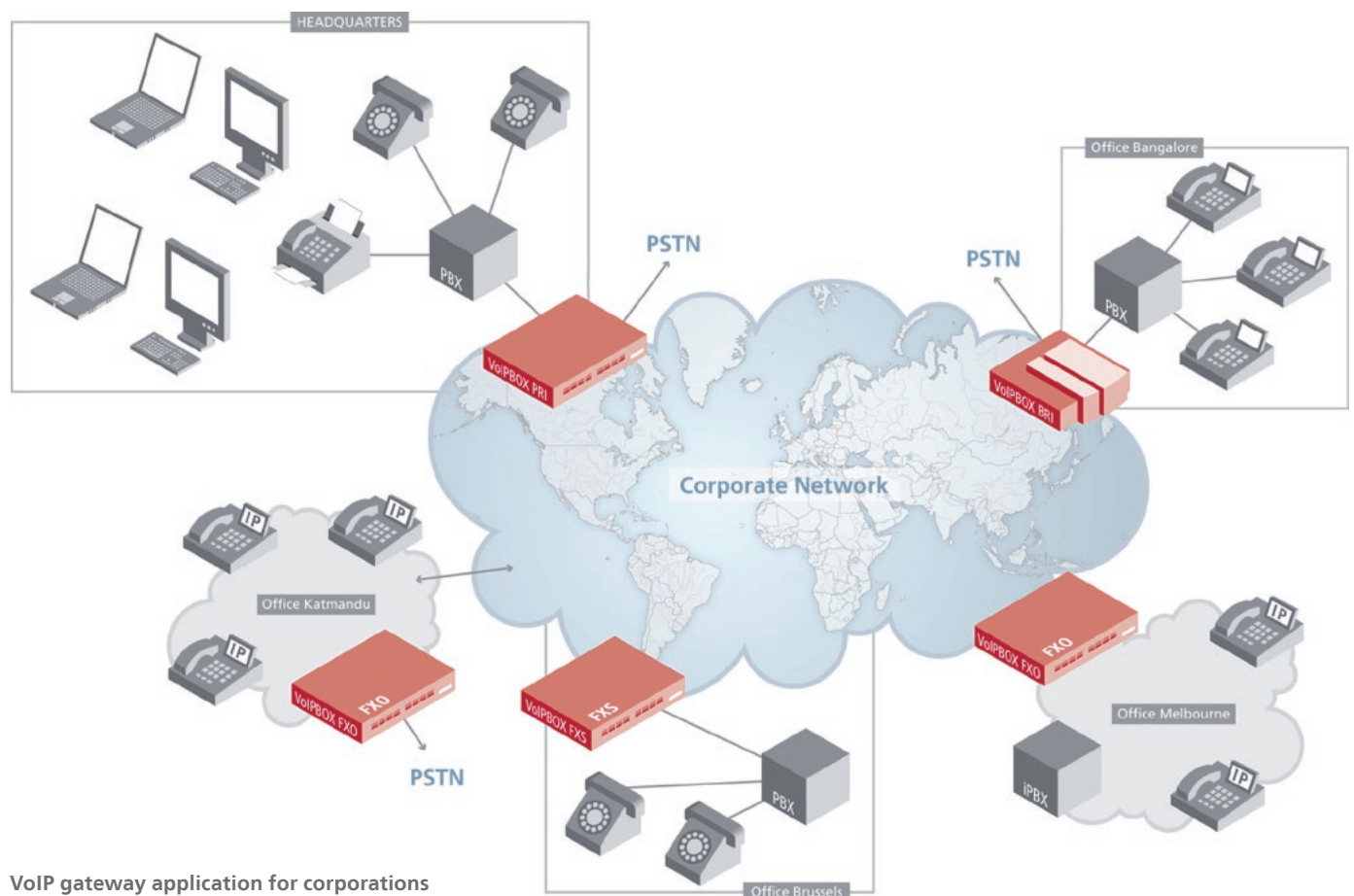
Above all, our extensive portfolio means that we have a gateway that matches your every need. Whether or not your branch offices have a PBX, whether or not they need a connection to the PSTN, we have a gateway that fits. Moreover, if you already own equipment, our premium suite of features ensures complete compatibility with your current telephone equipment and total interoperability with all third-party VoIP equipment.

Let's start by looking at the corporate headquarters pictured below. The VoIPBOX PRI connects the headquarters to the VoIP network. PSTN-backup guarantees access and

quality of service. Our PRI gateway can support from 16 to 180 channels, making it appropriate for small and large corporations.

To continue, notice two things. First, we've eliminated the need for a gatekeeper or a SIP server. Second, there is no single point of failure. That is because we use what we call an Officer – Private architecture. The gateway defined as the Officer synchronizes, maintains, and distributes dialing tables of all the gateways. In case a gateway fails, the remaining gateways continue to function normally.

To make configuration and maintenance simple, we provide a browser based Configurator and an optional Network Management System. An actual Maintenance Wizard rounds out the tools that make the system administrator's life easy.

VoIP gateway application for corporations

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	TELES NGN	Applications
Mobile Gateways	Class 4 Softswitches	Residential VoIP
VoIP Gateways	Class 5 Softswitches	IP Centrex / Mobile Centrex
Business IADs	Media Gateways	Wholesale / Long Distance

Your TELES Representative

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