



TELES Class 5 NGN

Product Range



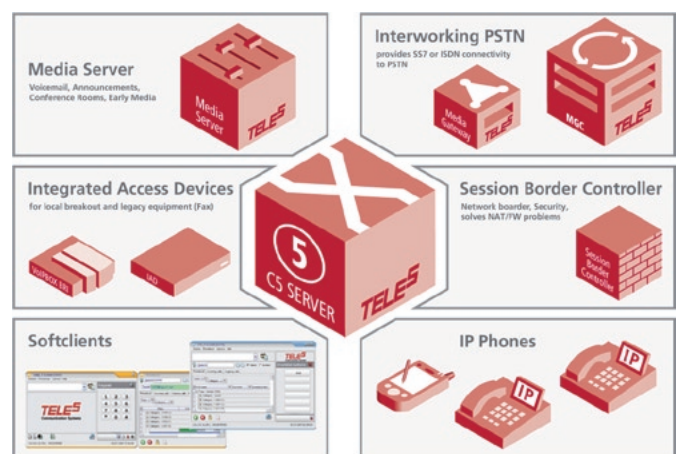
TELES Class 5 Solution is a standard based, scalable architecture that minimizes integration time and enables you to go live quickly. The solution is access agnostic and allows you to use it in DSL or cable access, Mobile networks, Wi-Fi or WIMAX networks, PSTN, as well as in large enterprise IP networks.

The Softswitch architecture utilizes modular design, separating services by their functionality. This enables the delivery of the solution over single or multiple servers to match your actual network scale and optimizes service provider expenses.

TELES Class 5 Solution overview:

Class 5 Softswitch – provides call routing and feature control for all services, enables enhanced services such as SMS, voicemail, IVR assistant, and conferencing. The feature management, authentication, and authorization are enabled by the integrated user management service. The presence service provides user specific real-time information.

Management System – provides system, device and user management via web-based provisioning interface and XML based northbound interface.



Solution Highlights

- IP Centrex, Business Trunking, and Residential VoIP applications
- IMS based Mobile Centrex
- Feature rich solution, customized to your needs
- Supports creation of user specific service packages
- Broad selection of IP Phones and SoftClients
- Pay as you Grow “Licensing model”
- Integrated with TELES Class 4 solution
- Standard based, Carrier grade solution
- Comprehensive system management capabilities
- Lowers CAPEX and OPEX expenses

TELES Class 5 NGN Solution

TELES Next Generation Network (NGN) Class 5 solution helps Service Providers, Carriers, and Mobile Operators to secure customer loyalty, create new sources of revenue, and expand their service offering. The solution supports IP Centrex, Mobile Centrex, Business Trunking, and Residential VoIP applications each of which can be customized to meet your specific needs.

IP Centrex – Sell the extensive suite of PBX services as a bundle or customize the packages to meet a specific business's needs. Either way, a new service means a new source of revenue for you. In addition, by delivering converged services, you save the costs arising from multiple and redundant infrastructure and you capture local and long distance call minutes, voice mail, and internet access.

Business Trunking – Connect your business customers' geographically distinct premises and convert their awkward numbering plan into a single, simple numbering plan. Then, point out the rich suite of features and the converged service, demonstrate the easy self-management and remind them that their services are delivered by a single point-of-contact.



Residential VoIP – Deliver the complete bundle of residential services and capture local and long distance call minutes, voice mail, and internet access. Secure customers' loyalty by being the single point-of-contact they want. Plus, the easy-to-master web-based system enables customers to independently customize, personalize, and organize their service.

Mobile Centrex – Offer Enterprise customers a hosted Mobile PBX functionality including attendant console and enhanced voice applications using already existing standard mobile phones beside soft clients and IP phones. Helping you secure additional call minutes and monthly service fees that are currently spent with landline operators.

Strong Management capabilities realize business success

Providing successful services requires a management infrastructure which guarantees that your OPEX is under control. The TELES Class 5 System management lets you complete both initial provisioning and subsequent changes from the comfort of a single, remote location. Zero touch provisioning helps you to eliminate unnecessary expensive visits to your customer premises. Moreover, the multi level role based customer self-service enables your customers to complete their daily tasks easily. Using the north bound interface you can easily integrate the TELES Class 5 solution into your existing umbrella management systems.

The Case for using TELES Class 5 Solution

TELES Class 5 Softswitch enables you to offer new solutions addressing advanced requirements of modern telecommunication as shown in the following examples:

Single source for telecommunication services

Service Providers, are constantly asked by residential and business customers' to provide a single point-of-contact for their whole telecommunication suite of services by leveraging on TELES Class 5 Softswitch. This can be achieved easily and efficiently while each customer enjoys a 'virtually' private PBX environment.

Geographical unified network

Enterprise customers with distributed offices would like to have a single, unified numbering plan, and telephony VPN services. Failing that, they have to invest huge efforts arising from the need to maintain large number of phone numbers. With TELES Class 5 Business Trunking solution, you can virtually connect all your business customers' geographically distinct premises to a single location and provide them with a simple, unified numbering plan.

CAPEX and OPEX reduction by relying on IP Centrex solutions

With the introduction of NGN architecture, Service Providers are looking to offer business customers with IP based Centrex solutions. TELES Class 5 solution enables you to deliver full-featured, hosted PBX services to your SME customers at a competitive price, enabling them to turn CAPEX into OPEX, while capturing local and long distance call minutes and monthly service fees.

TELES NGN Class 5 is designed for the smart, ambitious service provider interested in attracting new users and creating new sources of revenue, the service provider who knows what their customer's need today and what they're going to need tomorrow. Is that you? If so, we invite you to look at our specific Class 5 Application Sheets and to set up a meeting with us.

Open new opportunities for Mobile Service Provider

One of the main limitations of a mobile network is the lack of capability to offer hosted PBX services to business customers. This is no longer valid following the introduction of TELES Class 5 Mobile Centrex solution.

The new application enables the mobile service provider to offer complete IMS based hosted PBX service for the large enterprise market. The service uses existing standard based wireless handsets alongside a large selection of IP based user devices and a TELES Attendant Console that enables on-line management of active calls and user presence. To complete the offer we have integrated into our solution an ad-hoc conferencing service, enhanced team features, and voice mail. Using the service you'll be able to offer SME managers' new ways to better control their expenses by both turning CAPEX to OPEX and matching the OPEX with the actual corporate size, while increasing Service Provider revenues.

Key Benefits

- Access independent, works over DSL, Cable, Mobile, Wi-Fi, WIMAX, PSTN, and IP networks
- Integration to Mobile networks using SIP saves costly IN enhancement
- Multi level role based customer self-service WEB interface
- Zero touch provisioning and maintenance of end user equipment
- Provide Northbound interface to Service Provider management system

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

TELES
AG
Informationstechnologien

TELES AG | HEADQUARTERS

Ernst-Reuter-Platz 8

10587 Berlin

GERMANY

Phone +49 30 399 28 - 066

Fax +49 30 399 28 - 051

E-mail sales@teles.com