

Xpress™ SIP Service Delivery PRODUCT SHEET

A Complete Services Deployment Solution

FEATURES

Rapid Development of New Services

Easy-to-Use Graphical Service Creation

Economical Software-Based Media Processing

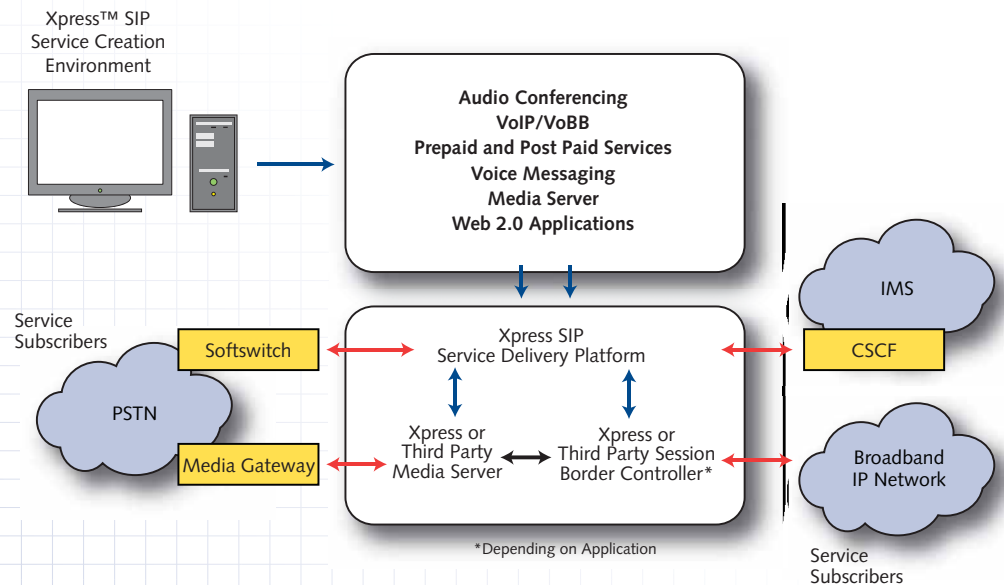
Standards-Based SIP and Web Services Interfaces

PT's Xpress™ SIP Service Delivery Platform is a new approach for delivering cost effective, feature-rich, enhanced NGN services. Based on a pure IP implementation, new service offerings can be quickly developed and readily deployed, network-wide, on IMS-enabled, converged TDM/IP and VoIP networks.

Xpress SIP offers both service providers and application developers a complete services development solution for delivering profitable calling services and other NGN applications rapidly and cost-effectively. Its open architecture and use of next-generation network standards – including SIP, IMS, VoiceXML, MGCP and XML –

provide a multi-service development environment with marked flexibility and scalability. Rather than relying on costly, circuit-switched, single application platforms, developers, service providers, and carriers can deliver multiple SIP-based services starting with a single Xpress SIP Application Server, rapidly adding or modifying services as needed, with no service interruption.

Built to address a variety of service deployment strategies, the solution includes web services APIs that enable easy integration with service providers' existing provisioning applications. In addition, robust billing features help optimize service revenues.



A Complete IP Voice Service Solution

PT provides a complete solution for deploying revenue-generating IP voice services in SIP-enabled, converged carrier networks. Based on our open, extensible and highly scalable Xpress™ SIP software components, the PT solution includes an expanding suite of turnkey Xpress™ SIP services – or create your own innovative services using the PT Xpress™ SIP Service Creation Environment.

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ORDERING INFORMATION

To discuss specific requirements and/or pricing, contact sales@pt.com

The Xpress™ SIP Service Deployment Platform allows rapid construction and deployment of services like:

- Audio Conferencing
 - Attended/unattended Reservation-less
 - Large operator-assisted Events
- VoIP/VoBB
 - Residential features with voice mail
 - Business features – hosted IP PBX
- Prepaid and Post Paid Services
 - Card-based
 - ANI-authenticated
- Voice Messaging
 - Flexible storage and retrieval formats
- Web 2.0
 - Interactive, media-rich services

Services Deployment Platform

- **Service Creation Environment (SCE)** – enables users to quickly assemble and modify complex, media-rich applications by linking pre-packaged software componentry in the graphical drag-and-drop editor. The accompanying software development kit (SDK) allows users fundamentally extend the capabilities of the SCE by creating new components for themselves and others to use.
- **Application Server** – Highly scalable and extensible application server runs applications developed using the SCE while also allowing the integration of 3rd party or user code written in C++ or Java. The distributed architecture enables multiple applications to be run on a single blade, or to be distributed across a cluster of application server blades.

- **Software-based Media Server** – applications which require economical audio processing in the form of either IVR (interactive voice response) or small conferencing can utilize the software-based media server, which support audio playback/record, DTMF detection, transcoding, and conferencing support. The application supports third-party media servers as well via standards SIP- or MGCP-based interfaces.
- **High Availability Platform** – built on PT's line of IPnexus® Carrier Grade Systems, users can expect five-nines (99.999%) reliability. Featuring a wide range of configurations and based on PT's NexusWare Carrier Grade Linux operating environment, the Xpress SIP platforms are ideal for deploying reliable applications with built-in OA&M support.

Xpress SIP also supports an N+1 configuration within a cluster, ensuring that the failure of any one server will not affect overall system capacity.

- **Extensible, Plug in Architecture** – New application features are easily enabled using the Xpress SIP development environment that defines a lightweight, software component framework for 'plugging in' new software modules.
- **Centralized System Management** – Service providers can monitor and manage their Xpress SIP Application Servers and associated media servers using the advanced, browser-based graphical user interface of PT's IPnexus EMS system.

The service applications themselves can also be securely managed and provisioned over the web allowing users to rapidly set and adjust rates as market demands and business needs shift.

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