

Xpress™ CallingCard SOLUTION SHEET

Prepaid and Post Paid Services

The Xpress™ CallingCard solution is a next-generation approach for delivering cost-effective, feature-rich prepaid or post paid calling services. Based on a contemporary, IP-only implementation, it can be readily deployed through SIP-enabled media gateways or session border controllers in VoIP and IMS-enabled networks.

Xpress CallingCard offers service providers a complete, off-the-shelf solution for delivering profitable calling services, supporting a wide variety of call models – with or without a card – rapidly and cost-effectively.

Service Flexibility

Built to address a variety of service deployment strategies, the Xpress CallingCard application can be configured as:

- A prepaid wireless service that allows the caller to directly connect to a called number with authentication based on calling party identification.
- A traditional prepaid or post paid card-based long distance calling service where the subscriber is authenticated through either an IVR-based or ANI identification process.
- A prepaid or post paid service where the subscriber is authenticated and the application performs a callback connecting the called party to the subscriber.
- A post paid integrated long distance calling service that allows the subscriber to call up to a specified amount of minutes during their post paid billing cycle.

- A “front-end” that provides an existing Class 5 service or other SIP-based services with a prepaid or post paid metering and billing capability.

The Xpress CallingCard solution comes with innovative web service APIs that enable easy integration with a service provider’s existing provisioning applications.

Reduced Cost, Increased Flexibility

A pure IP solution, Xpress CallingCard can eliminate the need for costly TDM switches – reducing acquisition costs and/or lowering ongoing operational costs. It gives service providers the flexibility to deploy new, revenue generating services throughout their networks, without having to add expensive and rapidly depreciating TDM facilities.

Complete Solution

Xpress CallingCard includes all necessary telephony service logic components (IVR), as well as a web-based subscriber portal for account creation and management, subscriber database management, audio mixing, and support for output of a Customer Detail Records (CDR).

Xpress CallingCard is hosted on PT’s carrier-grade platforms which encompass a wide range of modular, standards-based elements that provide customers with a broad range of choices based upon network growth and reliability requirements. As with all PT products, these robust offerings are designed with PT’s own high-quality software and hardware.

BENEFITS

Cost-Effective, Feature-Rich Prepaid or Post Paid Calling Card Services

A Complete Solution for Prepaid Card Services that Include the Telephony Service Logic (IVR)

Advanced Real-Time Rating Engine Provides Charge and Policy Control to Better Monetize Services

Supplied on PT’s IPnexus® Carrier Grade Systems

Fast, Easy Self-Customizing – Rapidly Set and Adjust Rates as Market Demands and Business Needs Shift

Web-Based Subscriber Provisioning/Account Management Reduces the Cost and Complexity of Prepaid Customer Acquisition and Service



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Sophisticated Billing Support

Robust billing features help optimize service revenues. The Xpress™ Real-Time Rating Engine provides unmatched charge and policy control for prepaid services. For post paid services, SQL relational databases maintain CDRs that can be distributed in any billing system format, easing integration with legacy billing platforms.

Customizable User Interface

Service providers can modify call flows and associated prompts to meet specific market needs with drag-and-drop ease using the graphical Xpress Service Creation Environment.

Multiple Language Prompt Sets

The Xpress CallingCard services interface can be easily modified to be deployed worldwide in multiple languages with appropriate grammar support.

Prepaid Subscriber Self-Provisioning

Web-based subscriber provisioning, account management and credit card recharge capabilities reduce the cost and complexity of prepaid customer acquisition and service.

Xpress Real-Time Rating Engine

The Xpress real-time rating engine (RTRE) gives service providers the charge and policy control they need to translate their prepaid business model into strategies and service policies that flow directly into monetized services.

- Flexible rates – Based on varying factors such as time of day, day of week, etc.
- Rating of international calls to the city code or beyond

- Tailored usage policies and billing sequence rates – For example, the flexibility to offer a 3 cents per minute rate when and if all minutes are used on a single call, but allow for escalating or premium rates if purchased minutes are consumed over the course of multiple subsequent calls.
- Per minute rates (currency-based), as well as monthly “bucket of minutes” with associated groups of destination calling countries with the ability to flexibly combine the two rating models.
- Share access numbers across multiple services – Economically expands service offerings by sharing key resources such as access numbers, while enabling and reconciling the individually designed rate plans of the full suite of services.
- Rounding of call charges to any specified granularity (e.g., 10 second rounding, one minute rounding, no rounding)
- Configurable “grace period” to prevent billing of exceedingly short calls if desired.
- ANI-based charges – Adjust for the variation in costs of individual origination points.
- Other origination charges – Assess different fees for use of 800 and pay phone-based origination than from a local access number, to compensate the PSP for incremental costs.
- Destination charges – Enable fair compensation for calls placed to an expensive locale or foreign country and charge the subscriber appropriately.
- Rates based on access numbers – Allows service providers to offer promotional rates for calls originating in a new market, while maintaining regular rates in established markets.

ORDERING INFORMATION

PT-CCXPB-12438

Base Xpress™ CallingCard System Including Network Interface Processor, Application Server, Two Storage Elements and Dual, Load-Sharing AC Power Supplies, Xpress™ CallingCard Software

PT-CCXPB-12441

Base Xpress™ CallingCard System Including Network Interface Processor, Application Server, Two Storage Elements and Dual, Load-Sharing DC Power Supplies, Xpress™ CallingCard Software

PT-CCXSL-12443

Session Software License, per session

PT-CCXEL-12444

Endpoint/Media Software License, per session

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