

ENTICE Calling Card (Prepaid/Postpaid) Solution

System Overview

Prepaid/postpaid calling card services are one of the most proven and profitable value-added voice services that a carrier can offer. This globally accepted service brings many benefits which include higher margins, more network minutes, fast cash flow, and higher customer retention.

The ENTICE Prepaid/ Postpaid (ENTICE-PP) solution provides a mechanism for service providers to capitalize on this opportunity. This solution utilizes the proven Excel Converged Switching Platform (CSP) to provide media, origination and termination services. This allows it to be deployed in any network regardless of whether it is E1/T1 or IP based. This solution can be purchased as a stand-alone solution or it can be added as a component of any other ENTICE based solution including the ENTICE Softswitch, Session Controller and Tandem/International gateway solutions. As in all ENTICE based solutions, the ENTICE-PP is delivered ready for the network today and because of ENTICE's unique programability, it can be adapted to your exact needs in the future.

ENTICE-PP System Architecture

The ENTICE-PP solution provides an integrated service creation platform based on carrier class equipment and software.

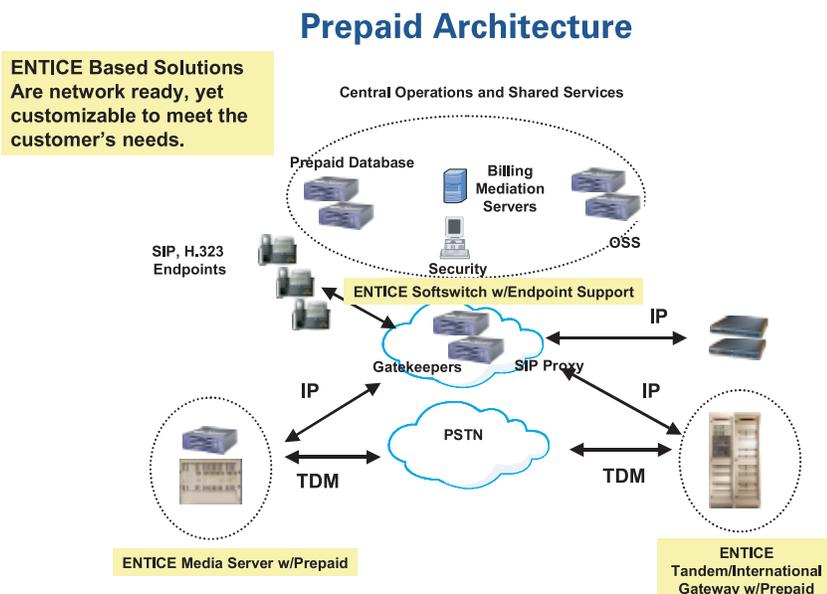
- ◆ Flexible SS7, C7, CAS, ISDN
- ◆ H.323 Gatekeeper/Redirect/Gateway services
- ◆ SIP Proxy/Registrar/Redirect services
- ◆ Interworking for all protocols

ENTICE-PP System Specifications

- ◆ Routing and Translation on up to 31 Digits
- ◆ Support for 192 to over 30,000 ports (T1/E1/IP)
- ◆ Least Cost Routing
- ◆ 2000 Route Lists(20 Trunk Groups per Route List)
- ◆ Digit Manipulation (VPN type short # dialing)
- ◆ Real Time CDRs
- ◆ Multiple SS7/C7 stacks, multiple OPCs
 - ANSI, ITU-T, TUP, China TUP, BTIUP,...
- ◆ ISDN PRI
 - ANSI, ETSI, Euro, Japan, Australia...
- ◆ Channel Associated Signaling
 - DTMF, MFR1, MFR2, E1R2
- ◆ IP Signaling
 - H.323
 - SIP
 - H.248/Megaco
- ◆ IP Traffic
 - G.711, G.723.1, G.729, etc.
 - T.38
- ◆ NAT Traversal w/Session Controller
- ◆ Programmable/Customizable

ENTICE-PP Feature Set

- ◆ 24/7 IVR System
- ◆ Multiple Language Support
- ◆ One/Two Stage Dialing
- ◆ Real-Time Balance Validation
- ◆ Discrete Balance Announcement
- ◆ Remaining Minute Announcement
- ◆ Last Minute Warning
- ◆ Exceeding Credit Limit Warning
- ◆ Follow-on Calling
- ◆ Online PIN Change
- ◆ Balance Transfer Between Cards



- ▶ Auto Transfer to Live Operator
- ▶ Auto Transfer to Voice Mail
- ▶ Real-Time Rating
- ▶ Flexible Rounding Method (Up, Down and Normal)
- ▶ Rating by Origination, Switch, and Destination
- ▶ Peak Hour and Off-Peak Hour Rating
- ▶ Rating By Service
- ▶ Connection Charge
- ▶ Initial Period Charge
- ▶ Access Charge
- ▶ Maximum Call Duration
- ▶ Balance Reward
- ▶ Average Duration Reward
- ▶ Charge Reward
- ▶ Destination Block List
- ▶ Group/Individual Black List
- ▶ Group/Individual White list

Fraud Control

- ▶ Limit of Simultaneous Calls
- ▶ Limit of Password Input
- ▶ Limit of Calls/Minutes/Cost Per Day/Month
- ▶ Integration with 3 rd Party FCS
- ▶ Least Cost Routing
- ▶ Customizable Billing Cycle (Weekly, Monthly)
- ▶ User Account Management
- ▶ Group Account Management
- ▶ Online Call History
- ▶ Call Statistics
- ▶ Traffic Statistics
- ▶ Online/Offline Invoice
- ▶ Web Based Provisioning
- ▶ Additional Customizable Features

About Emergent Network Solutions

Based in the Dallas, Texas area, Emergent Network Solutions, Inc. (ENS) is a leading provider of advanced telecommunications software and services that enable carriers and service providers to integrate current and future network technologies. We assist our customers in reaching their business objectives by providing real, deliverable telecommunications software solutions and specialized consulting services for all facets of network design, analysis and management.

To learn more about ENS, our products and our services, please visit www.emergent-netsolutions.com, or contact us today.



1024 S. Greenville Ave., Suite 201
Allen, Texas 75002

Toll Free (888) 879-3674
(972) 359-6600
Fax (972) 396-9276