

Intelligent Network Real-time Pre-Paid Billing Solution

The demand for pre-paid services is growing worldwide. Pre-paid billing is becoming a necessity for service providers to remain competitive, increase market penetration and profitability. The appeal for pre-paid services extends beyond youth and credit-challenged markets to individuals and businesses faced with budget, forecast and commitment constraints.

Service provider benefits of pre-paid billing include:

- Reduced back-office billing functions
- Eliminates risk of bad debts
- Improves cash flow
- Simplifies new customer activation

Robust Prepay Billing

The Homisco VANX IN (Intelligent Network) Pre-paid system adds real-time rating and advance payment capability to mobile wireless and fixed line networks. VANX IN combines the use of intelligent network triggers with Homisco's industry-leading rating engine to deliver robust pre-paid services at a surprisingly low cost.

The VANX IN uses the same high performance pre-pay rating engine that is generating profits for carriers in over 40 countries. VANX flexibility gives service providers a competitive edge. Package plans can be simple pay-as-you-go or robust post-paid type plans, with inclusive voice, SMS and data services on a monthly service basis.

The pre-pay subscriber experience is robust and seamless, requiring no special phones or dialing protocols. Users are alerted when their account balance runs low or their service period is about to expire. Most importantly, options are available for easy account top-up.

Standard Features

- IN (CAMEL / IS41) network interface
- Real-time Rating and Account Debiting
- Flexible Pre-Pay Plans
 - ◇ Service Period Billing, with inclusive voice and SMS, similar to post-paid plans
 - ◇ Friends and Family calling
 - ◇ Metered and unlimited service packages
 - ◇ Promotional calling programs, variable periods, destinations
- Unlimited rate plans
- Pricing flexibility
 - ◇ On/Off peak time
 - ◇ Time of day, day of week, Holidays
 - ◇ Long distance and international calling
 - ◇ Variable interval rating
 - ◇ Recurring service charges
 - ◇ Minimum usage charge
 - ◇ Usage volume discounts
- SMS text messaging
 - ◇ Pre-pay balance query
 - ◇ Account top up
 - ◇ Low balance warning
 - ◇ Service period expiration warning
 - ◇ Service termination
- Email Notification
- Live Call Termination at zero balance
- Pre-paid Voucher PIN administration
 - ◇ Flexible PIN length
 - ◇ Account-based or top-up card-based service plan
 - ◇ Configurable expiration
- Service period begins on activation/re-activation, not fixed cycle date
- Fraud protection
- PIN validation support
- ITU standards-based interfaces
- Open system architecture

Contact Information

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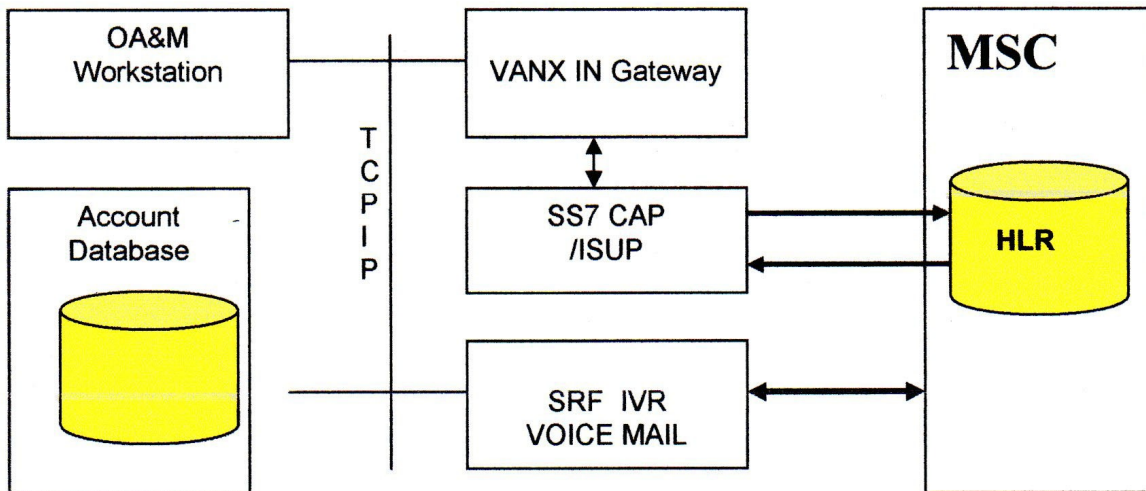
Options

- Prepaid roaming
 - Account Top-up by IVR, voucher PIN or credit card
 - Mobile-to-mobile funds transfer
 - Roll-over minutes service plans
 - Pre-pay data mediation (EVDO, etc)
 - M-Voucher - Electronic top-up PIN distribution
 - Voice mail
 - ◇ Subscriber Directory Assistance
 - SMSC Short Message Service Center
 - SME Gateway – SMS Router
 - USSD
 - OTAF Over-The-Air Functions
 - Post-paid customer care and billing
 - Pre-paid calling cards
 - SNMP network management
 - Redundancy – various levels
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VANX IN Pre-pay System for Wireless Networks

Homisco VANX IN Mobile Pre-Pay System uses intelligent network triggers and high availability commercial servers to deliver a prepaid solution that is reliable, highly scalable and cost effective. As a subscriber base grows, the cost is lower than traditional circuit-based solutions because the need for dedicated pre-pay voice trunks is reduced or eliminated. This solution is ideal for provisioning pre-paid roaming services. Subscribers check their balances and recharge their accounts via SMS, USSD messaging or, optionally, IVR voice-assisted keypad entry.

VANX IN Pre-pay Architecture



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