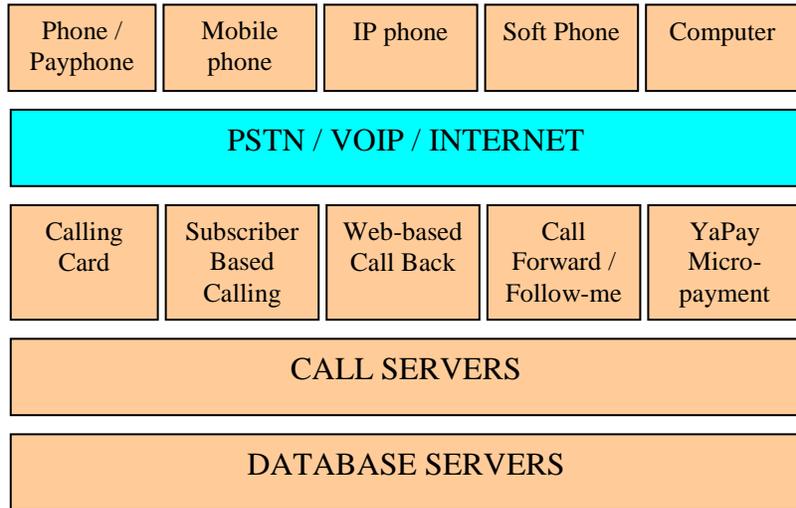# SoLink[®] Retail Calling System

SoLink Retail Calling system is a multi-purpose prepaid / postpaid calling system that can be used for various telecom services including:

- calling card
- subscriber calling (based on ANI or caller ID)
- one stage IDD long distance calling
- residential VoIP calling
- DID subscription with call forwarding (or follow-me)
- Web-based call back
- YaPay micro-payment

Phone / Payphone	Mobile phone	IP phone	Soft Phone	Computer

PSTN / VOIP / INTERNET

Calling Card	Subscriber Based Calling	Web-based Call Back	Call Forward / Follow-me	YaPay Micro-payment

CALL SERVERS

DATABASE SERVERS

It provides an intuitive multi-level, web-based interface for the administrators and resellers to configure and manage the system.

SoLink Retail Calling System may be integrated with our SoLink IP-PBX System to form a complete host-based IP-PBX service provisioning platform for service providers.

BENEFITS

- can be used for different types of calling services such as calling card, one-stage IDD long distance calling, residential VoIP calling, web-based call-back, call forwarding, and YaPay micro-payment service
- offer scalable deployment options ranging from a single integrated server to multiple call servers with replicated database servers

- offer flexible billing schemes (hidden, non-hidden, and periodic charges) for the operator to apply on a per-tariff basis
- provide various reports to assist the operator in the day-to-day operation and to oversee the overall calling card business profitability
- allow the service provider to delegate different responsibilities to different personnel with different security levels
- can be integrated with SoLink IP-PBX system to form a complete host-based IP-PBX service provisioning platform

FEATURES

Call Features
- multiple language support
- multiple brand support
- card PIN, caller ID, or SIP/IAX account authentication
- card balance and maximum duration announcement
- last minute warning
- caller ID registration / deregistration
- card recharge
- follow-on call support
- optional advertisement while calling

Billing Features
- LCR (least cost routing), LCD (least cost dialing), and user-define priority routing scheme
- progressive rate (varying rates during the call)
- peak / off-peak rate
- hidden / non-hidden per-call surcharge
- hidden / non-hidden per-minute surcharge
- DNIS based surcharge
- flexible billing increment
- minimum chargeable duration
- maximum buy rate
- flexible charging increment
- connection and disconnection charge
- random call cut-off
- recurring charge
- maximum call duration for call-back calls

Management
- card and customer profile
- brand (or tariff group) management
- multi-level operator
- reseller (distributor, agent, salesperson)
- trunk and service provider
- buy and sell rate table management with dynamic routing support
- DID management (with DIDWW API integration)
- voucher management
- recurring service charge management
- YaPay client management

Reporting
- call detail records (CDR)
- profit & loss report
- invoice report
- various traffic reports (hourly, daily, monthly)
- card first use report
- card refill log
- card activation log
- generate customer log
- batch update log
- DID usage report
- DID provider log
- callback log
- YaPay transaction log

Telephony Interoperability
- E&M
- E&M Wink
- Feature Group D
- FXS / FXO
- GR-303
- Loopstart
- Groundstart
- Kewlstart
- MF and DTMF support
- Robbed-bit Signaling (RBS) Types

Protocols
- SIP (Session Initiation Protocol)
- IAX™ (Inter-Asterisk Exchange)

PRI Protocols
- 4ESS
- DMS100
- EuroISDN
- Lucent 5ESS
- National ISDN2

Codecs
- G.711 (A-Law & μ-Law)
- G.723.1 (pass through only)
- G.726
- G.722 wideband
- G.729 (optional)
- GSM
- iLBC
- LPC-10
- Speex
- H.264, H.263 video

ABOUT LINKSOFT TECHNOLOGIES LTD

Linksoft Technologies Ltd. is a Hong Kong based corporation specialized in providing telecom solutions to service providers and enterprises. Our primary business includes voice-over-IP (VoIP) products such as H.323 Gatekeeper, Gateway, and IP-PBX, as well as providing customized software development and system integration services to our clients.

Linksoft Technologies Ltd
Tel: +852 3405 8729
Fax: +852 2508 1203
sales@linksoft.com.hk
http://www.linksoft.com.hk