

CORESWITCH is a complete real-time IP telephony billing and network management solution that enables Internet Telephony Service Providers (ITSP) to deploy enhanced VoIP services using H323 or SIP protocols.

Multiple Business Models

The innovative architecture of CORESWITCH solution which implements and assigns multiple Service Plans to customers, allows operators to use one service management system employing a centralized database to streamline subscriber management across any number of services. In addition to supporting multiple services CORESWITCH also supports multiple business models: Prepaid calling cards, Postpaid residential and corporate accounts, Wholesale origination/termination.

Complete Service Management Platform

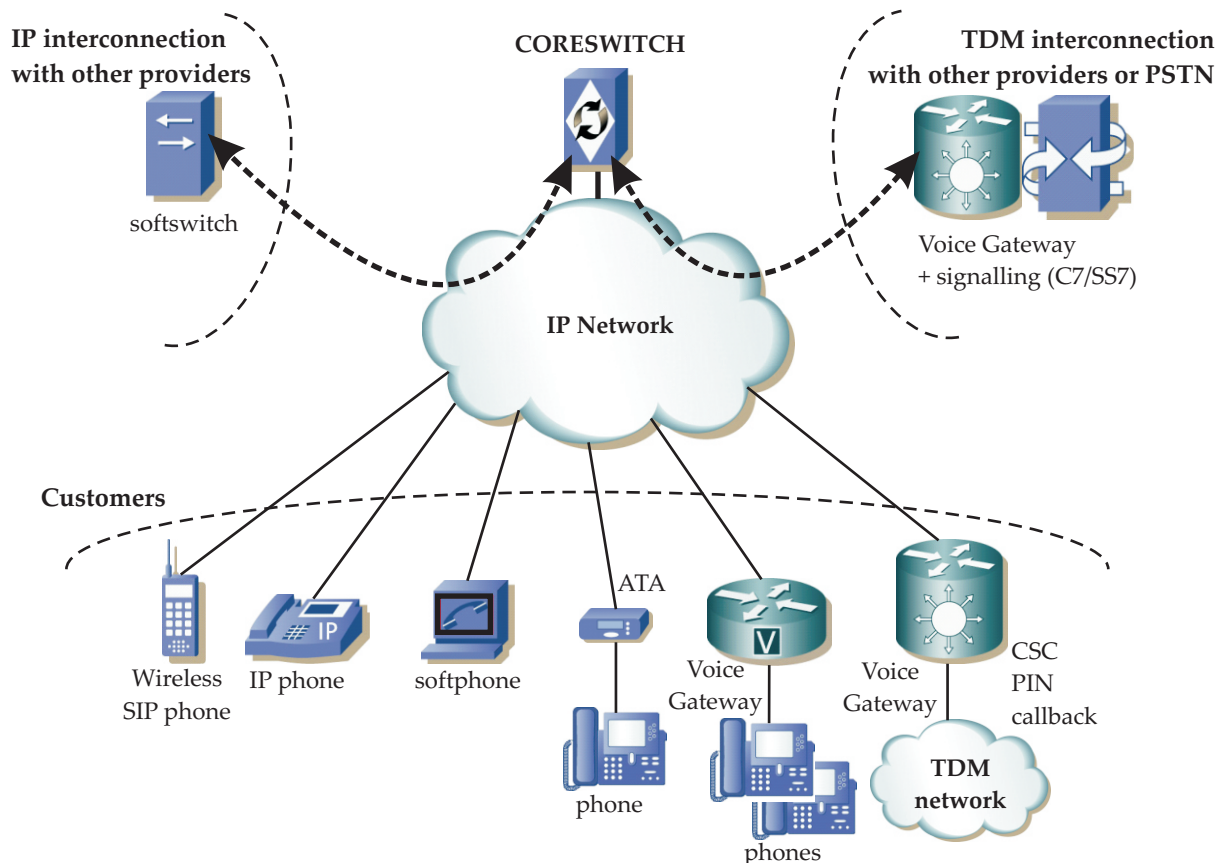
To achieve the flexibility required to rapidly launch new services and the carrier-grade scalability necessary to manage millions of subscribers, the CORESWITCH solution integrates network-facing functionality - Service Provisioning and Mediation - with a sophisticated rating and billing engine, to provide a complete Service Management Platform.

Built to Handle Complexity

Flexible billing features allow providers to quickly change service offerings or even adopt a completely new pricing structure. Billable items generated on an invoice can be either recurring or non-recurring charges, including equipment, services, telephony usage, maintenance, setup fees, etc. Additional information, such as credit limits, billing dates, payment due dates, markups, promotions, discounts, and taxes, can also be tracked in CORESWITCH.

Highlights:

- Multiple business models
- Distributed SIP/H323 solution
- Complete Service Management Platform
- Built to Handle Complexity
- Scalability and Performance
- Multi-currency and multilingual
- Calling cards
- Standard/Premium services
- Least cost routing
- Referrals and Agents
- Fraud Protection
- Maximum versatility
- Anytime, Anywhere administrator access
- Customer self-care management
- Vendor Independent
- Modular and rapidly deployable



Distributed SIP/H323 Solution

CORESWITCH implements a distributed SIP/H323 server architecture allowing global operators to have local servers in different geographic regions serving local customers, with internal group failover, thus saving customer's bandwidth and increasing service availability.

Least cost routing (LCR)

CORESWITCH offers advanced routing capabilities that are based on customer's group and cost for specific destinations. Routing table is automatically updated or can be manually adjusted.

Fraud Protection

In addition to logging and audit features, CORESWITCH allows operators to set session limits, alerting and maximum credit limits for accounts and end-users minimizing fraud attempts.

Multi-currency and Multilingual

CORESWITCH is a global system that handles the needs of multinational service providers, while supporting the local requirements of regional operators. CORESWITCH is multi-currency and multilingual and can be implemented anywhere to support any local currency, timezone and diverse customer base.

Referrals and Agents

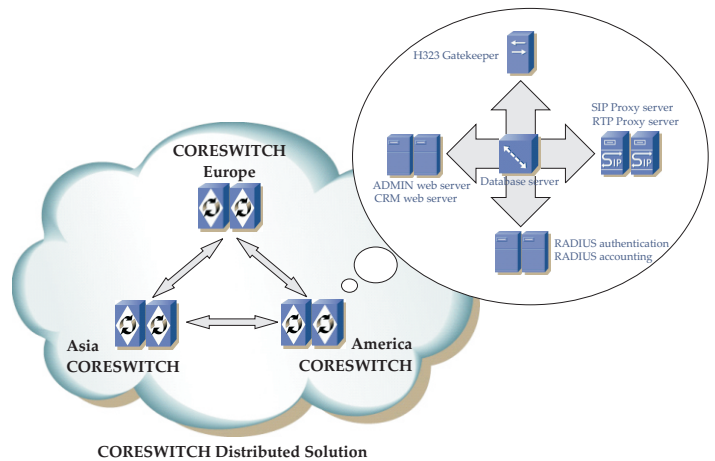
Referral system is included in the base system allowing operators to reward their customers that refer other customers with a predefined percent of the referred customer's bills. Agents are similar with referrals except they do not use operator's services, just refer customers and are rewarded for this.

Calling Cards

CORESWITCH has real-time capabilities used to authenticate a session, confirm the existing balance, define session time based on service, rate the session, and deduct the cost of the transaction from the balance. This enables operators to realize the maximum amount of revenue from each connection without the worry of revenue leakage over time. Calling cards module works with Cisco gateways and Cisco's RADIUS VSA compatible IVRs.

Standard/Premium Services

In addition to standard services, operators can group their clients and terminating providers in order to define premium services for different quality/cost minded market segments.



Vendor Independent

CORESWITCH is not tied to any single vendor or technology and is suitable for environments consisting simultaneously of many different network elements from a wide range of vendors.

Anytime, Anywhere Administrator access

Administrators can experience total flexibility and accessibility with the complete web-based interface. Administrators have the ability to create accounts with multiple users, and generate reports and invoices on a scheduled or on-demand basis.

Customer self-care management

CORESWITCH provides a secure platform for service providers to take their business and operations to the Internet. CORESWITCH offers Internet-based functionality, including web self-care, with user notifications and feedback. It allows users to access their accounts via a secure HTTPS login using a standard web browser. After login, users may view their account history, end-users information, invoices, make changes to their profile information, or consult the phone book.

Modular and rapidly deployable

CORESWITCH is unique in offering a modular and rapidly deployable solution, specifically applicable for legacy replacements, enabling comprehensive service and revenue assurance.

CORESWITCH solution is highly scalable in order to accommodate networks of all sizes and can be tailored to almost any service provider needs.



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