

SMART ePRI

Smart Enhanced Primary Rate Interface (ePRI) lets you turn your traditional PBX System into a VoIP-enabled PBX at virtually no extra cost. Our innovative technology allows simultaneous, integrated voice and data capabilities over standard existing telephone lines by creating a flexible, high-speed digital connection between a customer's PBX and our switched telephone network.

Smart ePRI can link multiple PBX/voice systems together across several geographic areas, creating both greater communication options and the added security of enhanced fail-over plan redundancy.

BENEFITS

Maximize Network Efficiency

Connect existing voice, data and video equipment to Smart Choice's telephone network on the same switch.

Keep Your Current Phone Numbers

Simply "port" your existing numbers to the new trunks, saving you the cost and hassle of having to get new ones.

Keep Your Current Phone System

Smart ePRI lets you use your existing PBX, so there's no service disruption as your staff continues to use the system they're familiar with.

Enhanced Functionality

Employees can use the same channel for multiple call types for greater network capacity—without dramatically increasing cost.

Improved Communication

Features such as extension dialing work seamlessly across the entire system for fast and accurate internal communication.

FEATURES:

- eFax (inbound and outbound)
- VoIP Softphones with simultaneous ring
- 4-digit dialing between all on-net offices
- Simultaneous ring to cell phones
- Transfer calls to POTS or off-site location for failover
- Time of day routing for entire trunk group
- Off-site extensions available for purchase of SIP devices from Smart Choice
- Call queuing (multiple calls placed in a queue and answered by the next available operator)

SMART EPRI/SIP CUBE

BENEFITS

Full Packet Capture Ability From Customer Premises

Intercept data packets for analysis to diagnose and solve network problems and identify security flaws and breaches.

Bandwidth/Usage Reports

View important information on bandwidth including top users, hosts, traffic statistics, and more.

Top Talkers

Obtain information regarding heaviest traffic patterns and most-used applications on your network.

Built-in Firewall

Control and monitor incoming and outgoing network traffic with built-in firewall capabilities.

Encrypted Voice

End-to-end encryption provides a private network safe from breaching, hacking and eavesdropping.

Session Border Controller (SBC)

Control the manner in which calls and other interactive communications are initiated, conducted and terminated in your VoIP network.

Full Analytics of Call Usage & MOS Scoring

Receive data regarding overall call usage and determine your call quality at any time via Mean Opinion Score (MOS).

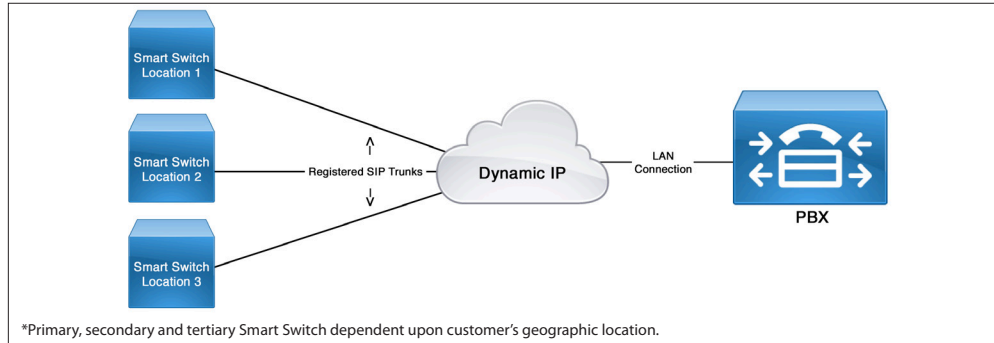
Real-time Packet Loss Alerts

Receive real-time alerts when packets of data fail in reaching their destination due to congestion on your network.

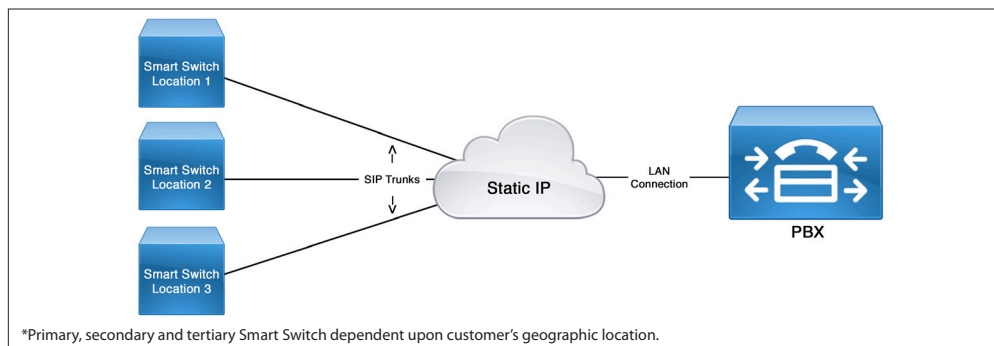
Option 1

The PBX will register to the SCC soft switch directly. This scenario works well if there is no firewall or the firewall is managed by the PBX vendor. If the PBX allows ICMP, it can be monitored for utilization and packet loss.

1. Dynamic SIP Registration- Done via username and password and is not tied to a public IP address.

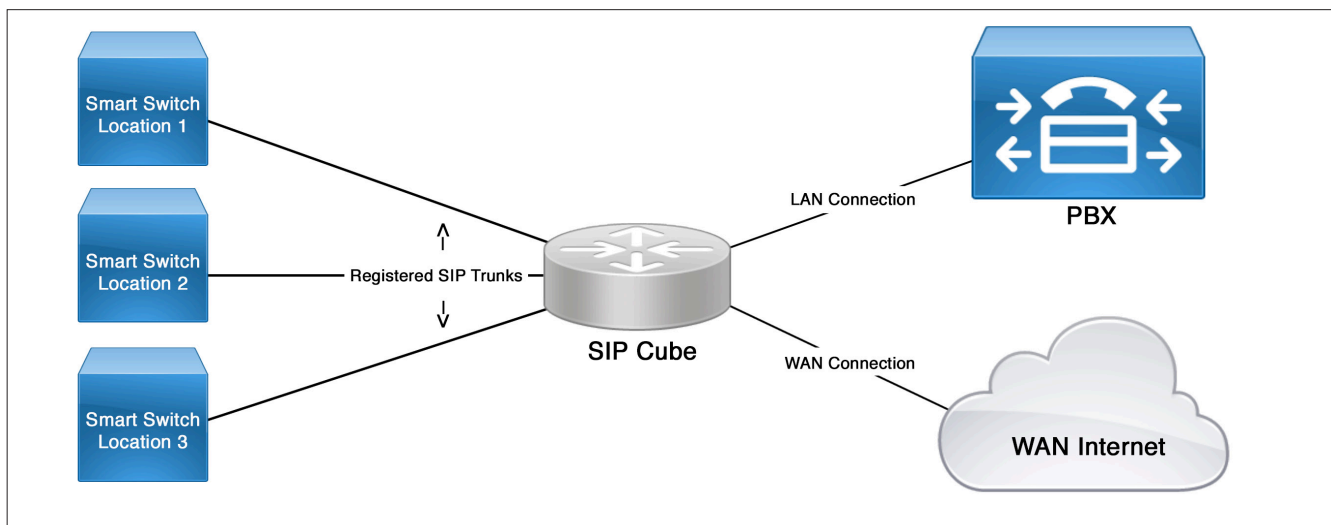


2. Static SIP Registration- Done via IP address. PBX must have a static IP and cannot change.



Option 2

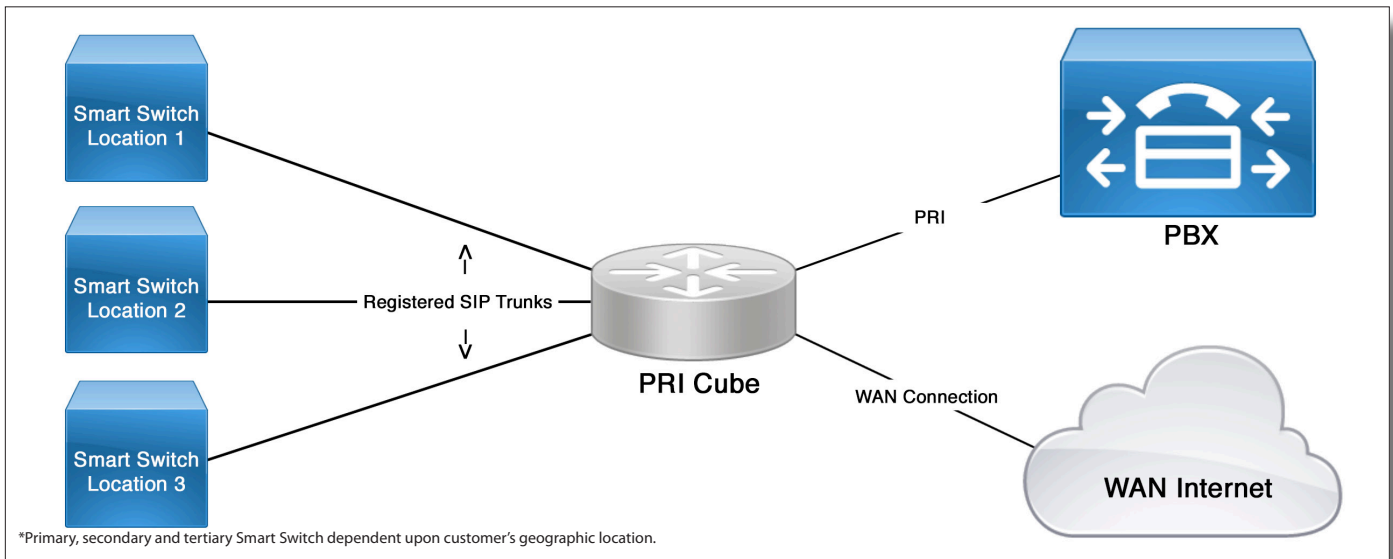
SCC delivers a SIP CUBE (Cisco Unified Border Element) that has a built-in firewall for security, and allows the PBX to be on the LAN needing just 1 static public IP. It can be monitored for utilization and packet loss.



*Primary, secondary and tertiary Smart Switch dependent upon customer's geographic location.

Option 3

SCC delivers a PRI CUBE, which allows for the same features as Option 2, but gives the PBX a PRI interface.



Option 4

Smart SIP over Secure VPN

- Allows customers to have encrypted secure voice over a private VPN between customer premises and SCC secure data centers.
- Allows for multiple VPNs per customer including to redundant SCC data centers
- Allows for autonomous proactive monitoring of VPN and SIP trunks with 24/7/365 live support
- Advanced analytics of uptime/usage/latency/packet loss
- Auto failover to SCC Inbound Disaster Recover platform

