

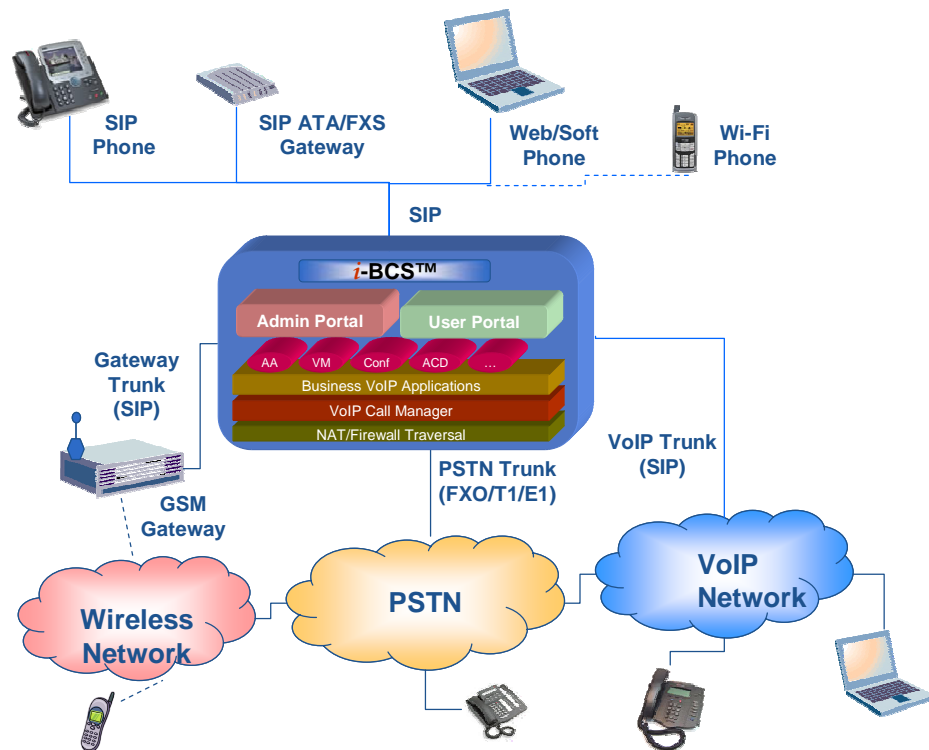


i-BCS™ Business Communications Server

The *i*-BCS™ is an IP-based business communications server that is designed to enable SMEs to better collaborate, communicate and innovate. It leverages open industry standards (SIP, SOAP & SIMPLE, Linux) to deliver real-time IP multi-media applications that combine Presence, Collaboration and VoIP.

The *i*-BCS™ allow SMEs to take advantage of the productivity and cost saving benefits of emerging technologies that larger enterprises have long enjoyed. It leverages Web portal-based technologies to enhance availability, mobility, usability, management and control. The *i*-BCS™ is designed to be deployable across heterogeneous VoIP, PSTN and mobile networks.

i-BCS Deployment Architecture



Value for Small-to-Medium-sized Businesses (SMB)

- All-in-one, easy-to-use communications solution that is affordable
- Business-critical applications to enhance employee productivity
- Web-based Administrative Control Panel to simplify management
- User Web Portal to increase mobility and extend end-user control
- Future Proof solution that is based on industry standards



VoIP Calling Features

- Caller ID
- Call Waiting
- Call Transfer
- Call Forward (Phone/Web)
- 3-Way Conference
- Call Hold
- Call Park
- Call Pickup
- Music on Hold
- Private Number Plan

Enhanced Business Applications

Auto Attendant/Mini ACD

- Dial by Extension
- Dial by Name
- Web-based Greetings Upload
- 9 ACD Queues
- Ring Group
- Hunt Group

Web Voicemail

- Notification via E-mail/IM
- Retrieval via phone, e-mail attachment or Web Portal
- Customizable voicemail greetings

VoIP Conference Bridge

- Multiple conference rooms
- Programmable conference room code & PIN authentication

Web Instant Messaging (IM)

- Private corporate IM server
- Portal-based IM clients

Skype-like Private Voice Network

- Private VoIP connections between HQ and branch locations
- Plug & Play remote VoIP access for telecommuters and business travelers

System Features

- NAT/Firewall Traversal
- Least Cost Routing
- Global Numbering Plan
- User-level Class of Service
- Digit manipulation (Digit Stripping & Prefix Pre-pond)

User Web Portal

- User Web portal accessible from anywhere via Internet
- Personal Information Manager (PIM) with Address Book, Calendar, To Do List
- Click-to-Dial from Address Book, Call History and Voicemail
- Web messaging (voicemail/IM)
- Web-based call management - Call forward
- Call History (Incoming Calls, Outgoing Calls & Missed Calls)

Administrative Control Panel

- Web-based Administrative Control Panel accessible from anywhere via Internet
- Point & Click icons for ease of use and management
- System Administration for setting up the network, trunks, class of service, etc...
- Extensions/Apps for provisioning users and applications
- Monitoring & Reports for viewing status of users/trunks and creating CDR reports
- System Maintenance for backup/restore of configuration and auto attendant files and for rebooting the server

Standards Support

- RFC 3261 SIP - using UDP transport
- RFC 3263 - SIP server redundancy
- RFC 3264 - Offer/Answer model for SDP
- RFC 3265 - SIP event notification
- RFC 3515 - SIP Refer Method
- RFC 3842 - Message waiting indication (MWI)
- RFC 2833 -Out-of-band DTMF
- CODECS: G.711 (a-law, u-law), G.729, G.723, GSM, iLBC

Hardware Requirement

- CPU: Intel P4, 2.8GHz or higher
- RAM: 1GB
- Hard Drive: 80GB
- System Performance (100 concurrent calls using G.711)

