TeleSynergy

AbovEdge™ CS-8000 package, a multi-chassis IP-PBX, is composed of Call Server, VNAT (NAT Traversal server), Voice Response Server, Media Gateway (VoIP Gateway), and TeleLEX™ analog expansion boxes. This multi-chassis package can support up to 5000 extensions per package and support all kinds of telephone line interface: traditional analog trunk (FXO), digital T1/E1/PRI trunk, or the VoIP SIP trunk.

The chassis can be deployed all at the same location, or at several locations with the Local-Survival capable VoIP Gateway providing remote extensions and local telephone line connection. With one consolidated web-based user interface to manage all the chassis, AbovEdge™ CS-8000 eases management of the complicated larger capacity phone system and multiple boxes required by the softswitch architecture. It also helps SMB centralize management of multi-location telephony requirements and, consequently reduces the cost of system administration and maintenance at each location.

Advantage

AbovEdge™ CS-8000 series, a call control server, provides diverse user-self manageable and customizable features including call routing service, PBX functionality, Auto Attendant, Voice Mail, call conferencing, operation/administration management service, and fully integrated VoIP functionality. No matter it is cross-region inter-extension, incoming, or outbound call, with full-featured call handling and trunk management capability, AbovEdge™ seamlessly handle and route calls efficiently and economically to maximize your business productivity.

Least Cost Routing with Auto Second Routing

Least Cost Routing (LCR) automatically determines the best route when making either extension to extension, local call, domestic or international long distance calls. It routes calls through internal multi-location VoIP link or the most inexpensive telephony carrier seamlessly without asking users to know which route to choose. If all trunks of the primary LCR route are busy or not available, AbovEdge™ will automatically make the call through the next pre-specified route to ensure connectivity and maximize the flexibility of line usage without requiring extra effort from users.

Cross-Region Audio Conference Room

Moderating a conference call has never been easier. AbovEdge's™ conference function provides inter-communication between extensions, trunks, and VoIP ports. It operates like a chat room. No longer have you had to invite attendees one by one. Making a conference call is just like walking into a conference room.
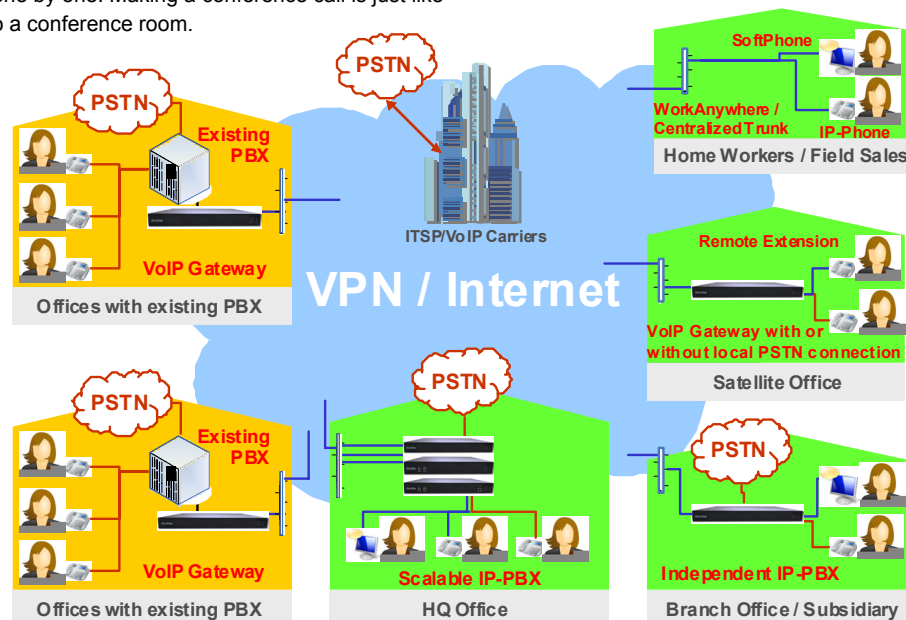
Mobility, Doing Business Anywhere

AbovEdge™ offers a cost-effective & efficient WorkAnywhere solution that allows employees to connect to the office regardless of geographic constraints. Its VoIP-powered ability to fully integrate multiple or remote offices and individual remote phones will enable your field sales and work-at-home employees to communicate with your customers or their colleagues as they were in the office.

Expandability, Lets You Start Small and Grow

Businesses usually have to throw away their existing equipments when replacing their legacy PBXs with larger-sized or advanced legacy systems, or when they need to accommodate themselves to company's growth through expansion into multi-site offices, independent PBXs at oversea branches, in need of VoIP gateway to interface to existing PBXs which the newly acquired office is still using, etc.

AbovEdge™, the most affordable Communication Appliance for your smallest needs and greatest aspirations, lets you start from smallest configuration and grow with your company. -- Its unique stackable system architecture facilitates its multiple appliances inter-operable seamlessly to meet design requirements ranging from small to large sites; from single to multiple or telecommuter sites; from pure IP to hybrid IP telephony integrated with legacy phone systems, PBX, or PSTN.

Fully Integrated VoIP Functionality

With AbovEdge™, inter-branch communications are no longer hindered by costly Centrex or tie trunk systems. The fully integrated VoIP functions of AbovEdge™ allow boundary-free communication between headquarters and all remote offices. AbovEdge™ equipments in different locations work like a single PBX with all employees connected under one dial plan.

Advanced Voice Mail System

AbovEdge's™ integrated feature-packed voice mail system, providing virtually unlimited number of permanent or guest users, is designed expressly for the business user. It is equipped with an advanced voice-prompting user interface for simple management of its powerful capabilities as well as a visualized voice message function for you to manage them just like the way you manage your E-Mail from desktop or cell phone.

Flexible Personalized Call Management

AbovEdge's™ innovative web-based Personal Call Management features individualized set-up that allows each extension user to optionally set personal incoming call handling wihout assistance from administrator. Users can activate the Call Forwarding function to make them reachable by forwarding their calls to internal or external numbers.

They can also activate the One Number Follow Me function to define several call routing paths for calls to reach them. The Do Not Disturb function transfers all calls into voice mail without ringing the extension. AbovEdge™ allows you to handle calls for almost all kinds of situation that meet your requirement with ease and flexibility.

Easy Management & Maintenance

AbovEdge's™ web-based configuration function allows the administrator to add a new user, relocate phone set (extension), set toll restriction, change extension parameter, or make system wide changes, all from a remote desktop. System administration has never been easier.

Local Survival and Live Link Recovery

AbovEdge™ MG VoIP Gateway, a member of CS-8000 package, will remain function as a down-scaled PBX in the local office while the Internet connection fails. This Local Survival capability will provide simple call and transfer function with a local PSTN connection to keep the business running. Once the Internet connection is re-acquired, AbovEdge™ will automatically recover the distributed networking linkage with members of its family at other locations, without manual setup or restarting the system. With the Local Survival and Live Link Recovery feature from AbovEdge™, the impact of disconnected Internet on business' usual operation and maintenance effort required can be minimized.

System Features

Trunk
- Support FXO/T1/E1/PRI/VoIP SIP trunk
- Trunk grouping
- Flexible time section, day/night, holiday setup
- Trunk line and time section based Incoming Call Handling, Operator setup
- Day/night mode switch
- Working day switch
- Least cost routing
- Toll restriction
- Auto trunk access
- DID direct dial to extension
- Private line
- Talk time limit

Extension
- Support FXS/IP/Softphone/WiFi extension
- Virtual extension
- Pilot number group
- One phone, many numbers
- One number, many phones
- Extension number relocation
- On-line extension enable/disable
- Voice prompt extension number query
- Support door phone

Auto Attendant
- Flexible time section, day/night, holiday setup
- Trunk line and time section based greetings
- Search by name
- Day/night mode switch
- Working day switch
- Multiple language greeting setup
- On-line greeting recording

Call Function
- Hold/Unhold
- Local park/unpark
- Remote park/unpark
- Call waiting
- Attend/Unattend Call Transfer
- Call forward
- Answer Call for Colleague
- Conference
- Transfer caller to AA
- Transfer caller to voice mail
- Leave message directly
- Pilot group log in/out
- Extension log in/out
- Music on hold
- Wake-up call
- On-line feature code query
- Override call

Call Management
- Personal call management
- Do Not Disturb
- One Number Follow Me
- Call management for no answer
- Call management for busy
- Caller ID authentication
- Assist operator
- Operator group setup: hunting, round robin, ring down

Voice Mail
- Personal greeting
- On-line greeting recording
- Message notification
- Message waiting indicator
- Voice mail as e-mail
- Message number announcement
- Message auto saving
- Message playback sequence setting
- Forward message
- Return call
- Change password
- Mail box size setting
- Message time stamp and length announcement

VoIP
- Multi-location PBX
- Remote trunk access
- Local survival
- Live link recovery
- SIP trunk concurrent call control
- NAT traversal

System Management
- First digit assignment
- Call status monitor
- Web based user interface for system administrator
- Personal Web user interface for call management
- Database backup
- CDR report
- Live line while power-off
- One Architecture Expansion

Hardware

- Input Voltage: 100V~240V AC
- Temperature:
  - Operating: 0°C to 45°C
  - Storage: -20°C to 75°C
- Humidity: 20% to 90% non-condensing
- Dimension: 438mm×333mm×44mm
  - (W×D×H)
  - (19' 1U Rack Mount)

Model	Capacity
CS-8010 + MV/MG-6216	- Analog extension/trunk, SIP extension/trunk - Up to 200 extensions
CS-8010 + MV/MG-6416	- T1/E1 trunk, analog extension/trunk, SIP extension/trunk - Up to 200 extensions
CS-8010 + MV/MG-6432	- Analog extension/trunk, SIP extension/trunk - Up to 200 extensions
CS-8010 + MV/MG-6132	- T1/E1 trunk, analog extension/trunk, SIP extension/trunk - Up to 200 extensions
CS-8010 + MV/MG-6140	- T1/E1 trunk, SIP extension/trunk - Up to 200 extensions
CS-8010 + MV/MG-6040	- SIP extension/trunk - Up to 200 extensions
CS-8050 + MV/MG-6064	- Up to 1000 extensions
CS-8060 + MV/MG-60128	- Up to 5000 extensions

*Information and specification are subject to change without prior notice.