

Zone Paging and Emergency Conferencing

Paging announcements in the case of emergencies or disasters is a crucial ability for companies. Leveraging your existing communications infra-structure for emergency broadcasts and mass communication to your users is effectively realized with *AND Phone Broadcast*.

Emergency announcements can be initiated by any phone and the reach of announcements is flexible defined by web administration without any additional installation required.

AND Phone Broadcast is used for mass communication to users in your company. The possibility to establish a two-way communication between users allows getting feedback for announcements. This option is used to page someone in the company and give the possibility to answer immediately. Users can pick up the nearest available phone and answer independent of their location.

Another service commonly found in today's business is conferencing. Immediate conferencing without any specific dial-in numbers or conference credentials is another time saving service offered by *AND Phone Broadcast*. By initiating a conference, all attendees are automatically contacted and the IP phone display shows all attending persons in real-time.

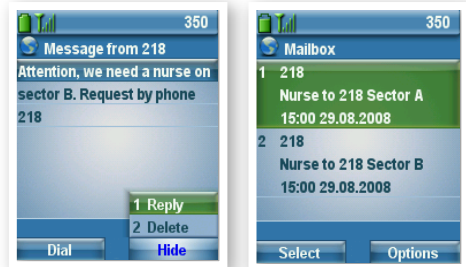
Key Benefits

- Crisis conferencing services
- Immediate conferencing setup
- Push-to-Talk to increase communications efficiency
- Enterprise-wide announcements and paging
- Fully integrated into communications network
- Unlimited number of paging zones
- Bi-directional communication option
- Reduced impact on network resources
- Integration of speakers and amplifiers
- Centrally managed paging and notification system

Services for Managers and Assistants

Zone Paging

Zone paging leverages your existing communications infrastructure to send announcements to groups of users. Multiple zones can be defined and enable you to immediately communicate with a large number of users. After starting an announcement from any IP phone in the paging group the loudspeakers of all group members are activated automatically and the announcement is sent to the IP phones. Additionally it is possible to send text messages to groups of IP phones which can be answered immediately and stored in a mailbox.

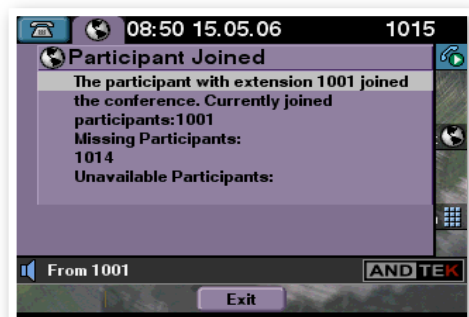


Emergency Broadcasting

Enterprise-wide announcements in the case of emergencies or disasters are an important capability of your communications infrastructure. Emergency broadcasts are using multicast technology to deliver announcements to large audiences with minimum impact on networking resources. Especially in the case of an emergency or disaster the solution makes sure that all users are informed; even users having an active call will get the announcement without interrupting their existing conversation.

Crisis Conferencing

Crisis conferencing offers services for highly critical environments, like air traffic control, defense or business-critical situations. Besides the general conferencing features with participants display and automatic calling of conferencing members there is an option to disconnect active calls of conference members and immediately bring them into the conference.



Text Messaging

By using text messaging users are capable of sending short text messages directly to the display of IP phones which is especially useful in the case of busy destinations or for notifying a large amount of users without interrupting their daily business. Text messaging allows users to reply immediately by selecting predefined answers which speeds up the response time.

Push-to-Talk

Push-to-Talk (PTT) services allow users to use IP phones like walkie-talkies. Therefore they can establish a fast communication with another user without making a phone call. This service employs multicast distribution of voice which enables the usage for groups of users.



Speaker Integration

Extending the reach of your paging system is simply accommodated by integrating ceiling speakers and loudspeaker amplifiers into your communications network. By using Power over Ethernet speakers, the installation costs are greatly reduced and maintenance is minimized.

Available Services

Zone Paging Services

- Unlimited number of zones
- Multiple zones per phone and selection available on phone
- Bi-directional communication possible
- Zone participants security
- Do-not-disturb for busy members

Emergency Broadcasting

- Flexible definition of broadcast groups
- Emergency announcements received by busy members
- Seamless integration of loudspeakers
- Flexible location of the speaker
- Logging of emergency broadcasts for compliance

Conferencing Services

- Initiate conferencing by pressing a button
- Automatically calling all participants
- Displaying active participants on IP phone display
- No conference numbers/credentials are required
- External conference members

Crisis Conferencing Services

- Automatic disconnect of active calls
- Display of conference participants on phone
- Delayed disconnect of active calls
- Automatic calling of conferencing members

Push-to-Talk Services

- Bi-directional communication of phone
- Immediate communication without establishing calls
- One-to-One and One-to-Many connections
- Automatic setup of connection
- Users can exit push-to-talk connections

Text Messaging Services

- Sending text messages to group of phones
- Text messages can include variable parameters
- Alert tone for text notifications
- Text messages are pushed to display of phones
- Templates for text messages
- Predefined responses available

Sending and Receiving Announcements

- Loudspeakers of phones are used
- Dedicated ceiling speakers or loudspeaker amplifiers
- Announcements initiated by a phone service
- Announcements initiated by calling a dedicated number
- Initiating an announcement by none-IP phones
- Multicast for reduced network load for large zones

Ceiling Speaker and Loudspeaker Amplifier Integration

- Connect directly to PoE (Power over Ethernet)
- Location independent administration through Browser
- Multiple zones and announcement groups can be defined
- Immediately integrated to the broadcast system
- No additional cabling for overhead paging system required

System Requirements

Server Requirements

- x86-based processor min. 2.8GHz
- Main memory 512MB/1GB/2GB
- Gigabit-/Fast-Ethernet interface
- Min. 20GB hard disc
- CD ROM drive
- Virtualization supported (VMware)

Software Requirements

- AND Phone Base
- AND Phone Broadcast

Supported Operating Systems

- Linux (included)

Supported Telephone Systems *

- Cisco Unified CallManager 4.x
- Cisco Unified Communications Manager 5.x, 6.x, 7.x, 8.x

Supported Phones *

Cisco Unified IP Phones 69xx, 79xx, 89xx and 99xx

* Available services might differ depending on the used type of phone and telephone system versions.



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