

BellCommander

School Bell, Paging, and Emergency Notification System

Audio Scheduler

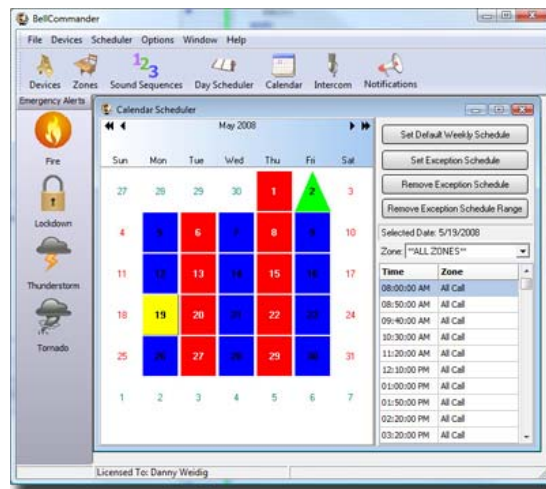
Schedule audio for school bells, automated voice announcements, and even music.

Emergency Notification

Quickly alert staff and students using IP speakers for school lockdowns, severe weather, and other emergencies. Trigger notifications from BellCommander server or by phone.

Paging

Combine BellCommander with a VoIP phone system for live phone paging to IP speakers.



- Flexible system provides complete audio scheduling, paging, and emergency notification

- System can act as a stand-alone school bell and emergency notification system or interface with SIP compliant VoIP phone systems

- Trusted by hundreds of customers in over 20 countries

Audio Scheduling:

- Perfect for school bells, factory shift change horns, and voice announcements
- Traditional school bells sounds can be replaced with pleasant chimes, tones, voice, or even music
- Plays standard WAV files. Customers can customize the system with their favorite sounds or school songs
- Schedule up to 300 events per day
- Unlimited day schedules
- Quickly change schedules for holidays, snow days, or special assemblies
- Easy to use software allows a typical administrative user to manage schedules
- Multi-Zone Scheduling. Set different bell schedules by building or classroom.
- Administer schedules using a standard web browser with the BellCommander Web Manager

Emergency Notification:

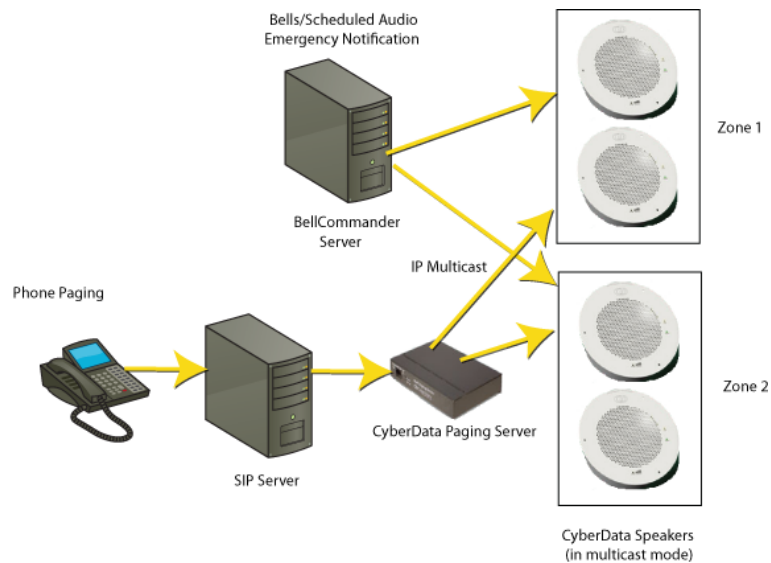
- Loop pre-recorded emergency announcements to IP speakers
- Trigger emergency notifications at the BellCommander server or by phone
- Target emergency notifications by building or zone
- System can be customized to trigger relays/contact closures for existing bell and alert systems

Paging:

- Combine BellCommander with a VoIP system to provide live phone paging to IP speakers
- Audio can be prioritized to allow emergency notifications and bells to have precedence

BellCommander

BellCommander Multicast Configuration



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The Multicast configuration of BellCommander with CyberData speakers provides a complete bell, paging, phone, and emergency notification solution. In this configuration, the BellCommander software is installed on a Windows server and sends audio data over a network using multicast to CyberData multicast addresses. Different multicast addresses can be defined to send audio to different speakers and all-call multicast address can be used to reach all speakers.

The CyberData Paging Server provides a SIP interface for VoIP systems that support SIP endpoints. Users can make pages to CyberData speakers using the CyberData Paging Server.

Benefits:

- Easy to use and flexible system for school bells, phones, paging and emergency notification
- Lower cost than competing systems
- Requires only a single SIP extension which lowers SIP licensing costs on systems that charge per SIP extension
- Multiple zone scheduling. Schedule different audio to different buildings or classrooms.
- Plays standard WAV files. Customers can customize the system with their favorite sounds or school songs
- A mid-range desktop PC can be used to run the BellCommander server
- BellCommander Web Manager allows users to manage BellCommander schedules

BellCommander Server Requirements

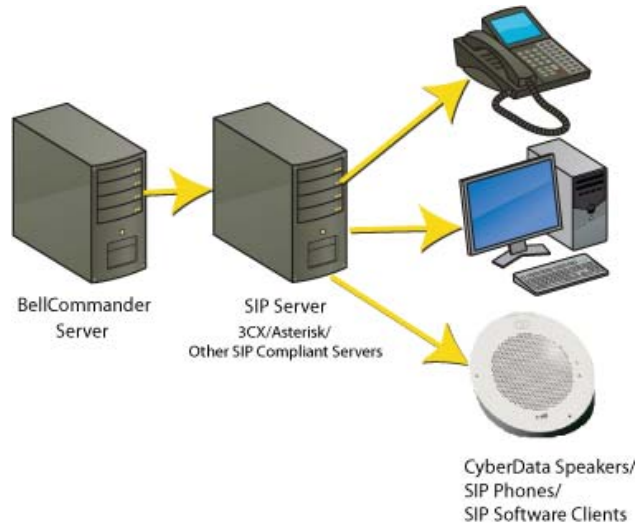
- Windows 2000, XP, Vista, Server 2003, or Server 2008
- Pentium 1.8 GHz processor. Dual processor recommended.
- Network with multicast capable router



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BellCommander SIP Configuration



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The SIP configuration of BellCommander interfaces BellCommander directly with a SIP/2.0 compliant server. In this configuration, BellCommander registers SIP extensions which it uses to call SIP phones, soft phones, and CyberData speakers in SIP mode. On SIP systems which support paging groups, such as 3CX, Asterisk, 3Com, and FreeSWITCH, BellCommander can call also paging group extensions to reach multiple phones or speakers. BellCommander can also be combined with 3CX on the same server for a reduction in hardware, software, and power costs.

Benefits:

- Easy to use and flexible system for school bells, phones, paging and emergency notification
- Lower cost than competing systems
- Schedule audio to hardware phones, soft phones, and CyberData speakers/devices
- Multiple zone scheduling. Schedule different audio to different SIP extensions.
- Plays standard WAV files. Customers can customize the system with their favorite sounds or school songs
- A mid-range desktop PC can be used to run the BellCommander server
- BellCommander Web Manager allows users to manage BellCommander schedules remotely
- Multiple SIP extensions can be used to place simultaneous call.

BellCommander Server Requirements

- Windows 2000, XP, Vista, Server 2003, or Server 2008
- Pentium 1.8 GHz processor. Dual processor recommended.
- Network with multicast capable router

Tested SIP Platforms

- 3CX, Asterisk, 3Com, FreeSWITCH (with paging groups)
- Cisco UCM 6.x+, Cisco CCME 4.x+, Panasonic (single extension dialing only, multicast configuration recommended instead)



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