Product	Function
VA-8150CV Amplifiers	Provide network amplification across the Vocia paging system in each classroom wing.
VA-4300CV Amplifier	Provides network amplification to gymnasiums, cafeteria, library, and main student halls.
VI-6 Audio Input Device	Allows for up to six local audio sources to be added to the Vocia system.
WR-1 Control Device	Provides control of the background and local audio, source selection, levels, and other functions within a Vocia zone.
ANC-1 Ambient Noise Compensation Devices	Controls the output level of pages and automatically adjusts the volume based on ambient noise.
DS-10 Paging Stations	Desktop networked paging stations for the front office and security office with up to 999 user-configurable page codes.
EWS-10 Emergency Paging Station	Wall-mounted networked emergency paging station with up to 999 user-configurable page codes.
MS-1e Message Server	Offers multiple paging options, including a VoIP paging interface, message playback, and event scheduling.
VI-8 Input Device	Interfaces with the school bell system to route audio through the loudspeakers via the Vocia platform, and allows emergency messages directly from the fire panel.
LSI-16 Life Safety Interface	Serves as an interface between a Vocia system and the Fire Alarm Control Panel.
CI-1 Control Interface	Allows the LSI-16 to interface with the Fire Alarm Control Panel.

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SYSTEM DESIGN GUIDE

HIGH SCHOOL CAMPUS

Vocia®

Across the world, school safety and security are growing concerns among parents, educators, and administrators. Students must have access to a safe learning environment in order to grow and thrive. In addition to traditional classrooms, modern school facilities feature multiple structures that can include offices, multimedia rooms, auditoriums, cafeterias, gymnasiums, locker rooms, and libraries. School administrators must be able to communicate clearly and effectively with students and staff in the event of an emergency. Biamp offers numerous solutions for non-emergency and emergency paging, as well as support for background music and scheduled and pre-recorded messages.

In this Education scenario, classrooms, gathering spaces, administrative offices, hallways, and designated employee lounges require different audio capabilities. An integrated communication and emergency system provides the utmost dependability, ensuring clear communication and security for the building, as well as for staff and students. With this technology in place, students and staff can focus on achieving their goals.

SYSTEM DESIGN GUIDE

HIGH SCHOOL CAMPUS

Biamp's Vocia platform provides an exceptional paging system design that can perform a number of standard functions for day-to-day activities such as morning announcements and live paging, and can be integrated into the school bell system. Vocia supports multiple paging options as well as pre-recorded, scheduled, and VoIP paging. Zoned paging allows school administrators to distribute messages to specific areas of the campus as needed, rather than disturbing the entire student body. In addition, Vocia manages any background music the school administrators wish to play.

Vocia is Life Safety and EN-54 certified, and serves as the hub for all paging and emergency system support needs. Because there is no single point of failure, the system shown in this scenario will continue to operate normally if one part of the system is damaged or goes offline. Integrating paging with ambient noise compensation allows the paging volume to adjust automatically to the space's ambient volume, thus ensuring pages are audible and intelligible, which is crucial in times of emergency.

VOCIA FEATURES

- Decentralized networking with no single point of failure
- Standard paging and critical paging in one platform
- Multiple paging options, including live, pre-recorded, and emergency
- Scalable to grow with a facility's needs