

# Benefits of Having Classroom AV on the Network

Extron is a proponent of placing classroom AV switching and control systems on the campus network. We believe that networked systems allow you to efficiently leverage the capabilities of your support team for greater uptime, reliability, and user satisfaction. Here are some benefits that help achieve these goals.

**Setup** – When setting up the control system and audio characteristics of a single conference room in a commercial application, technicians will be in the room for the entire process. However, when there are 30 classrooms with the same features, having each AV system on the network simplifies the setup process and saves time. You are able to create the optimal configuration and copy it to all classrooms over the network. Technicians then only need to test and refine the setup if necessary.

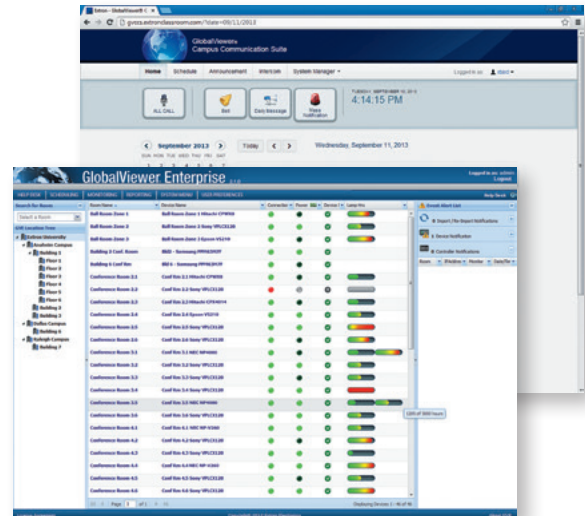
**Support** – Many districts have centralized support resources that cover a large geographic area. In some cases, it may not be practical or possible to roll a truck to the location for every support call. Having a room's AV system on the network allows support personnel to access status and control the AV equipment from a Web page, speeding up diagnosis and correction of any problems.

**AV Asset Management** – Sophisticated software, including Extron GlobalViewer® Enterprise, can track and log lamp hours, energy usage, button presses, and more. This data is useful for scheduling projector lamp replacements and evaluating the effectiveness of sources by showing how often they are used. In addition, global schedules can ensure systems are routinely powered off overnight, over the weekend, and during breaks, while disconnection notices can indicate a potential theft.

**Monitoring** – Placing classroom AV systems on the network can provide a broad range of automation and security benefits. For example, an occupancy sensor can instruct the AV system to power on the projector and switch to the default video source as the students arrive in class. Periodic polling of the projector ensures the projector is still online. If communication stops, an e-mail with room information can be automatically sent to security personnel indicating a possible theft. The Instant Alert feature of the VoiceLift® microphone enables instructors to send an e-mail or text message to school officials with the simple push of a button, indicating a potential problem in the classroom.

**Bells, Public Address, and Intercom** – Web-based software including GlobalViewer Campus Communication Suite, and an audio codec integrated into the classroom AV system, provide a complete campus audio system under an easy-to-use interface. Flexible bell scheduling, live and pre-recorded public address announcements, and intercom capabilities are accessible from any authorized computer on the network.

**AV Streaming** – AV streaming refers to the deliver of audio, video, and computer-based media over an IP network. Streaming media encoders such as our SME 100 can place campus news broadcasts, school events, or other education AV content on the network for display to students on the classroom AV system.



GlobalViewer software uses your campus network for remote support and management as well as bells, PA, and intercom.



Press and hold volume buttons to activate Instant Alert