

# Customizable operation at conferencing venues & auditoriums

Powered by Barco and EVS





With livestreams and hybrid sessions on the rise, the AV installations in auditoriums and conferencing venues are becoming increasingly professional, sizable and complex. Where previously an intercom system and a simple webcam sufficed, today's venues are equipped with multiple professional PTZ cameras, automated video switchers, live-streaming services, and large high bandwidth networks to facilitate all the AVoIP signals.

Interoperability and control between the various required devices is essential to fulfill these customer needs, while keeping complexity as low as possible. That's why Barco and EVS are collaborating on the integration of their tools: EVS Cerebrum and Barco image processors like the E2, S3, ImagePro and PDS.

### **EVS Cerebrum**

- Broadcast and ProAV control and monitoring system with fully customizable graphical user interfaces
- Fully featured routing and control of both Baseband as well as AVoIP sources and devices
- Allows interoperability between devices of different manufacturers





## One application to manage the entire venue

As a complete control and monitoring system, **Cerebrum gives you full control over your most critical ProAV operations.** It is designed to be robust in both small to large infrastructures and adapted for baseband and AVoIP.

Accessible via **one application**, the system's powerful and highly **customizable interfaces allow you to control, configure and monitor** any ProAV environment the way you want. This way, operators don't have to continuously switch between various applications to change configurations or perform certain actions.

Because of the long list of implemented APIs and protocols, you can manage camera switching, streaming, intercom, audio mixing, lighting control and much more using the same application. You can even combine all that control into a single custom graphical user interface to **operate the entire venue.**

## The perfect combination

While the Event Master systems come with a purpose-built and straightforward interface, Barco also allows all of its processors to be controlled by third party systems via several APIs. With the help of Barco, EVS implemented the **Event Master system API in Cerebrum**, allowing operators to manage multiple device signals without too much complexity.

Cerebrum can fully control the operational side of Barco's presentation screen management systems. Using the feature-rich capabilities of handling both IP as well as baseband (SDI) environments and devices, **routing all your sources and destinations to and from the system** has become even easier.

By combining **EVS Neuron Bridge gateways, Barco Event Master systems and Cerebrum**, you can add AVoIP resources by converting 32 SDI channels to 32 ST2110 or ST2022 AVoIP streams in real time with low latency.

## Barco E2

- Live screen management system with scalable, modular and future-proof build-to-order design
- The most I/O dense screen management system in the industry supporting native 4K in- and outputs
- Comes with a straightforward cross-platform user interface

## Ensured interoperability in the future

Barco and EVS both have a history of enabling new technologies when it matures for ProAV applications, and both are committed to ensure interoperability for future systems and devices as well.



## With the integration of Barco's Event Master system in EVS' Cerebrum, you can:

- Operate an entire auditorium or conferencing venue via a single application on multiple clients
- Customize your interfaces to represent the ProAV installation at a certain facility or venue
- Control sources and screens of your Barco screen management system
- Make use of a full featured router control system during key-notes and large presentations



*Interface example: In this interface you can control the inputs and outputs of the E2 system (which screen should show which source) as well as controlling intercom, PTZ camera's, lighting equipment, audio mixers, presentations and launching salvos and macros.*

For more info, go to [www.barco.com/screen-management](http://www.barco.com/screen-management) .

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