Symetrix

Control Server

Symetrix Control Server extends network-based management over IP for DSPs to control large numbers of endpoints.

OVERVIEW

Symetrix Control Server enables comprehensive design, deployment, and maintenance of large and sophisticated systems comprised of Symetrix IP DSPs and select third-party AV components that consist of numerous control endpoints supporting multiple simultaneous users.

Centralizing web-based end user control handles larger systems having more devices under control and/or more points of control. The web server platform technologies increase capacity, speed, and ease of development. The Control Server offloads web-based, user-level control interfaces from DSP's to expand signal processing functionality.

Users interface from various locations with Control Server with their own devices including tablets, phones, and standard PC computers running various OS's and browsers. Control Server includes wireless connectivity. This is vital as tablets and smartphones do not have wired connectivity.

Like DSP units, multiple Control Servers may exist on a network. They may all have different apps installed and licensed.

Installed apps increase the capabilities of the Control Server, add additional capacity, and/or tailor it for specific installations. The Mixer app acts just like a physical mixer, and multiple people can use it. If an additional mixer is needed for a different purpose, more Mixer apps can be purchased. Each app instance may be uniquely configured by Symetrix Composer Design, Configuration, and Control software.

USE CASES

Venues

Venues and event facilities need to provide access for control around their spaces with a large number of local connections. These connections are often temporary and will change over time for various needs within spaces. Control will often include personal devices such as laptops, tablets, and smart phones.

Hospitality

Ballrooms, event spaces, performance areas in hotels and restaurants need to provide control from many positions. Connections are often temporary and will change over time for various requirements within spaces.

Conferencing

Participants often rely on laptops or other devices to connect with conferencing sessions. With the Control Server, many personal devices located all around a facility can interact in spaces with such applications such as Zoom or Teams.

Education

Schools, colleges, and universities with classrooms, auditoriums, lecture halls, and gymnasiums must accommodate the needs of instructors, guest speakers, performers, and students. School

campuses need a workflow that enables anyone using a classroom to easily control the local audio system. Multiple classrooms can be managed with devices connected through Control Server.

Government Agencies

Facilities with multiple courtrooms, meeting rooms, council chambers, and conference rooms benefit from having designated users easily control all the local audio systems from mobile devices connected through Control Server.

Worship

Some religious institutions need easy connection of additional personal devices in sanctuaries and multipurpose spaces for controlling presentations and performances.

KEY BENEFITS

- A Gigabit Ethernet port enables control via standard networks, as well as communication with Symetrix DSP hardware. In wireless mode, the server functions as an access point providing mobile device connectivity.
- The Symetrix Composer Design, Configuration, and Control software application makes locating and programming Control Server, Symetrix DSPs, and accessories easy.
- The SymVue interface authoring app is used to design and create custom control screens that the Control Server can deploy on browser-based devices such as tablets and computers to enhance large scale systems under the control of multiple simultaneous users.
- The Control Server acts as a centralized controller for events that have been set up with the Event Scheduler app using presets that can automate routing, source selection, and volume changes.
- Multi-touch Mixer app provides up to 32 faders and mutes with customizable labels, colors, ranges, and display units along with triggering for up to 16 presets.
- Browser-based administration manages app licenses, users, and user access.

PRIMARY CAPABILITIES

- Remotely accessible Web services platform for AV control.
- Browser-based administration and control to manage app licenses, users, and user access.
- Built-in wireless and wired connectivity.
- Integrates user supplied computers, tablets, and phones into control networks.
- 5 Licenses of each of the Mixer and SymVue App are included.
- Expand system with additional SymVue and Mixer app licenses as needed.
- Support for Windows and Mac OS browsers as well as Android and iOS devices.
- 5 Licenses of each of the Mixer and SymVue App are included.
- Expand with additional app licenses as needed.