

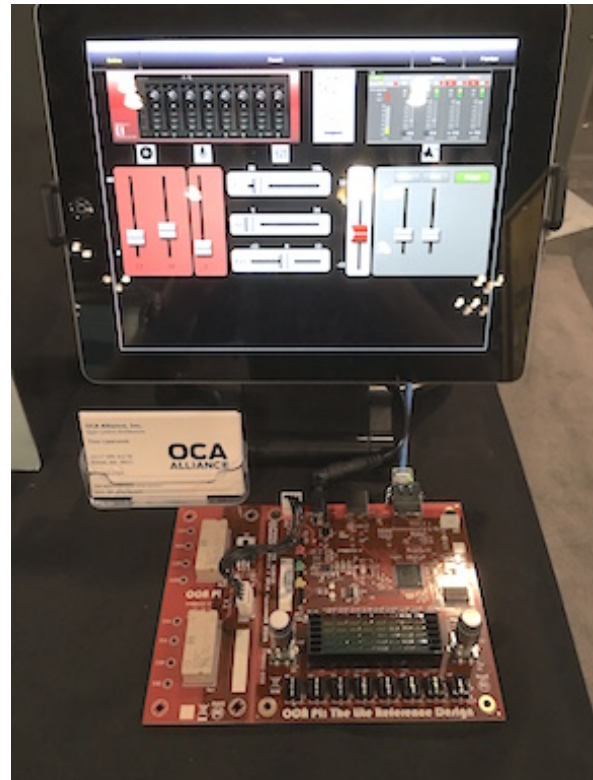
OCA ALLIANCE

OPEN CONTROL ARCHITECTURE

**Integrated
Systems
Europe**

9-12 February 2016
Amsterdam, RAI, NL

Booth #7-F221



OCA MicroDemo

[image link](#)

OCA Alliance demonstrates remote control standardization solutions for media networking at ISE

OCA Alliance, Bothell, Washington, USA. The OCA Alliance is exhibiting for the first time at ISE, immediately following the standardization of Open Control Architecture (OCA) by the Audio Engineering Society as AES70. The OCA Alliance is exhibiting in Hall 7, Booth F221 and showing the latest developments in standardizing control architectures and interoperability for professional media IP networking devices and systems. The OCA Alliance booth will be staffed by alliance members from multiple manufacturers and media network experts, who will be available to discuss the benefits of standardizing control technologies in professional AV applications, and how OCA can be implemented in networkable products.

A live demonstration on the stand shows products from multiple manufacturers (including Bosch, d&b audiotechnik, Focusrite and others) operating with different network transport platforms under a single interoperable control system, and demonstrates the multi-controller benefits of OCA; with control simultaneously available from OCA hardware, an iPad app and Chrome browser-based GUI. Also being demonstrated is OCA MicroDemo, a new compact and lightweight reference design, developed between OCA Alliance member companies, it is a full-features OCA implementation that illustrates how efficiently OCA can be implemented in even the smallest devices, such as wall controllers and hardware designs where software and hardware resources are limited.

In addition, the ISE Audio Solutions Theatre presents *The OCA MicroDemo: An AES70*

Implementation for Small Processors, from 12:30 to 13:00 hrs on Friday 12 February. A white paper presentation by Jeff Berryman of Bosch Communications and Mike Sims of Attero Tech, this will feature a description of the OCA MicroDemo hardware reference platform and firmware stack, co-developed by Bosch, Focusrite, and Attero Tech. Target applications for the MicroDemo stack will be outlined, with an explanation of how the OCA Alliance plans to make the MicroDemo hardware design and firmware stack available to interested manufacturers,

“OCA was always intended to be a technology that could address the requirement to scale upwards in order to deal with the kinds of massive system control applications that other available technologies simply could not address,” says Ethan Wetzell of the OCA Alliance. “However, it was equally important to design the architecture in a way that could simultaneously be implemented in compact and resource-constrained hardware. This is critical to implementation in devices such as wall controllers and other edge devices that are key components of an OCA ecosystem. The OCA MicroDemo demonstrates this wonderfully and compliments the other products on demonstration, to illustrate just how flexible OCA can be in both function and implementation.”

Ends

About OCA

OCA (Open Control Architecture) is an open control and monitoring standard for professional audio and AV media network devices. From a single device and controller to networks with almost any number of devices and multiple controllers, OCA provides for powerful, high speed, low cost, robust system control and monitoring of devices from different manufacturers.

OCA can be used in conjunction with any available transport protocol (Dante, AVB, AES67, Cobranet, etc.). Offering interoperability across different media transports and manufacturers' devices, it enables whole new levels of complex system integration and options as to how and where network devices can be deployed. The architecture operates on commodity Ethernet networking hardware or via standard 802.11 Wi-Fi.

Control functionality allows system professionals to change and monitor all operating parameters of a network device, including the creation and deletion of signal paths, parameter adjustments for signal processing objects, network device firmware updates and management of access control. Control can also be limited to provide simpler 'operator' functionality; for instance, providing just level, mute, power on/off and fault indication.

OCA has been ratified as an open public standard by the AES as AES70.

OCA is not itself a media transport, or a means of programming a network device or system control, or generating a user interface. OCA is available free of charge to manufactures, system integrators and designers, to implement with their own and third party network devices, as they require.

About the OCA Alliance

OCA Alliance is a non-profit corporation formed to secure the standardization of the Open Control Architecture (OCA) as a media networking system control standard for professional applications. The OCA Alliance's purpose is to actively promote the adoption and standardization of Open Control Architecture (OCA) as a media networking system control standard through marketing, education and training, and to develop future standards and other documents, that augment, enhance or extend the primary OCA standard, for the purposes of enabling and promoting increased interoperability and

reliability, for a variety of transport standards. The current members of the alliance are Atlas Sound, LP/Innovative Electronic Designs, LLC, Attero Tech, LLC, Bittner Audio Int. GmbH, Bosch Communications Systems, d&b audiotechnik GmbH, Focusrite, Harman Professional Group, LOUD Technologies, Inc., Rational Acoustics, LLC, RCF spa, Salzbrenner Stagetec Mediagroup, TC Group, THAT Corporation, and Yamaha Commercial Audio

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