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Market Manager Stage and Media Industry, Michel Matuschke presenting Bekchoff's OCA implementation at ISE
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ISE 2016: AES70 ratification and Beckhoff OCA implementation major themes for OCA Alliance

OCA Alliance, Bothell, Washington, USA. Exhibiting for the first time since ratification of Open Control Architecture (OCA) by the Audio Engineering Society as the AES70 standard, the OCA Alliance experienced its busiest ever trade show at ISE, reflecting a heightened interest among AV industry professionals in a common remote control standard. The alliance's booth was effectively a walk-on rolling OCA seminar, hosting a live demonstration of OCA (AES70) control interoperability and continuous advanced technical discussions between OCA Alliance member company representatives and the AV industry at large.

In addition, OCA Alliance Technical Workgroup members Mike Sims, of Attero Tech, and chair Jeff Berryman, of Bosch Communications, presented an alliance white paper, *The OCA MicroDemo: An AES70 Implementation for Small Processors*, in the ISE Audio Solutions Theatre. This described in detail how the Open Control Architecture is not only designed to be scaled up to the very largest applications, but that the architecture can simultaneously be implemented in compact and resource-constrained hardware like wall panels.

Of major significance was the announcement at the show, that PC-based control technology specialist Beckhoff, a market leader in the automation and building sector, was launching its OCA (AES70) implementation at ISE, a move which attracted considerable interest during the show. Integrators and manufacturers alike are now looking towards exploiting the increased interoperability and ease of integration within the media and entertainment sector that Beckhoff´s OCA (AES70) implementation offers; providing for interoperability with over 400 types of signals.

Commenting on the success of the OCA Alliance's exhibiting at ISE for the first time, chair of the Marketing Workgroup, Marc Weber said, "We cannot overstate the importance of the alliance's participation in an event like ISE. As a not for profit organization, dependent on industry professional's giving of their time and expertise, it is a challenge to mount effective education and awareness

campaigns at such a massive event but, as our engagement with manufacturers, integrators and users alike has proven, it is extremely worthwhile and produces tangible results in providing momentum for the uptake of OCA (AES70)."

Alliance technical Workgroup members Mike Sims and Jeff Berryman presentation, *The OCA MicroDemo: An AES70 Implementation for Small Processors*, in the ISE Audio Solutions Theatre
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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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