

# BECKHOFF

# OCA ALLIANCE

Integrated  
Systems  
Europe

9-12 February 2016  
Amsterdam, RAI, NL

**Booth #7-F221**

## **ISE 2016: PC-based Control Specialist Beckhoff Introduces OCA (AES70) Integration at ISE**

*OCA Alliance, Bothell, Washington, USA.* PC-based control technology specialist Beckhoff, is exhibiting its versatile product portfolio and range of automation solutions at ISE, in **Hall 10, Booth N136**. The company's versatile interfaces, supporting multiple protocols for media and building services, are shown at ISE now with added support for Open Control Architecture (OCA). OCA is a media networking system control standard for professional applications. The standard has seen implementation by several professional audio and AV companies, and has now been published as public open standard AES70, by the Audio Engineering Society Standards Committee.

Beckhoff's PC-based control technology enables optimum integration of media technology, lighting control, building automation and control logic. The consistent, highly scalable automation platform offers all relevant interfaces for integrating AV multimedia and lighting systems. With support for OCA (AES70), DMX, SMPTE TimeCode, Crestron, Bang & Olufsen, Art-Net™ and Streaming ACN (sACN), all devices and systems that are important in stage and media technology now can be integrated into the Beckhoff automation platform.

Michel Matuschke, Vertical Market Manager Stage and Show Technology at Beckhoff, states, "The OCA implementation went very smoothly. We like the high technical quality of the standard and the ease of implementation. Our modular system is now even more flexible as a result and also allows remote control and operation of professional audio systems, as well as the integration of our over 400 types of signals into the OCA world."

Speaking for the OCA Alliance, chair of the Marketing Workgroup, Marc Weber adds, "As a market leader in the automation and building sector, Beckhoff has created a global control protocol standard in that market with its EtherCAT Ethernet-based fieldbus system. The OCA implementation now opens up this vast interoperability within the media and entertainment sector, with the ease of integration and reliability of Beckhoff control technology. This represents a further major milestone towards making the vision of OCA (AES70) reality."

The OCA Alliance – the association of leading professional audio and AV industry manufacturers formed to secure the standardization of OCA as a media networking system control standard for professional applications – is exhibiting in **Hall 7, Booth F221**. The ISE Audio Solutions Theatre is also presenting *The OCA MicroDemo: An AES70 Implementation for Small Processors*, from 12:30 to 13:00 hrs on Friday 12 February.

**Ends**



((Picture caption))

With the recently introduced support for OCA (Open Control Architecture), the vendor-independent standard for audio and video systems, Beckhoff is expanding its expertise in the area of media technology. [image link](#)

Beckhoff logo [image link](#)

OCA logo [image link](#)

### **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.

### **About Beckhoff**

Beckhoff implements open automation systems based on PC Control technology. The product range covers Industrial PCs, I/O and Fieldbus components, Drive Technology and automation software. Products that can be used as separate components or integrated into a complete and seamless control system are available for all industries. The Beckhoff "New Automation Technology" philosophy represents universal and open control and automation solutions that are used worldwide in a wide variety of different applications, ranging from CNC-controlled machine tools to intelligent building automation to stage and media technology.

For more information, visit [www.oca-alliance.com](http://www.oca-alliance.com)

### **Editors' Contact:**

Keith Grant

KGa marketing & media

Mobile: +44 7977 410 444

Skype ID: kgamarketing

E-mail: [oca-alliance@kgamarketing.com](mailto:oca-alliance@kgamarketing.com)

Web: [www.kgamarketing.com](http://www.kgamarketing.com)

### **OCA Alliance ISE Booth Contact:**

Tina J. Lipscomb

Administrator

OCA Alliance, Inc.

Phone: +1 425-870-6574

E-mail: [tina.lipscomb@oca-alliance.com](mailto:tina.lipscomb@oca-alliance.com)