

## UPCOMING EVENTS

### NAB Show

April 11-16, 2015  
(Las Vegas)

### Hannover Messe 2015

April 13-17, 2015  
(Hannover, Germany)

### Conference on TSNA

April 28-29, 2015  
(Hilton Santa Clara)

### April All Member Meeting

April 29-30, 2015  
(Hilton Santa Clara)

### InfoComm 2015

June 16-19, 2015  
(Orlando Convention Center)

## TOP STORIES

- AVnu-certified endpoints roll in, including [Meyer Sound's CAL Loudspeaker](#) and [AudioScience's Hono AVB Mini Series](#).
- We're thrilled to welcome [new members](#) across various segments.
- AVnu Alliance sponsors the Conference on Time Sensitive Networking and Applications (TSNA) in Santa Clara, CA on April 28-29, 2015. [Registration is now open and closes on April 17, 2015](#).

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## LETTER FROM THE BOARD OF DIRECTORS

We are off to a strong start in 2015 with new member announcements, AVnu-certified products rolling in and continued awareness of our work with Time Sensitive Networking (TSN) and the new industrial segment. We were pleased to share all this news at Integrated Systems Europe (ISE) 2015 in Amsterdam last month, where we met with plenty of familiar faces, as well as some new ones, to discuss the Alliance's expansion over the past year and what it all means to our four market segments.

ISE 2015 gave us the opportunity to reinforce the importance of the AVnu certification program, the viability of AVB/TSN across markets, and highlight use cases for the Pro AV market.

After a successful showing in Amsterdam, it was great to come together a week later and plan for the year at the AVnu Face-To-Face meeting. Big thank you goes to HARMAN for hosting the meeting in beautiful Salt Lake City.

As the first quarter of the year comes to a close, we are excited for a busy 2015 and looking forward to promote what AVnu Alliance can bring to the multiple markets supporting it. We're going to kick off Q2 by sponsoring the first annual [Conference on Time Sensitive Networking and Applications](#) in Santa Clara, CA on April 28-29, 2015. If you're interested in getting valuable face-to-face time with industry experts who will answer all of your questions on AVB/TSN standards and roadmap, join us. See more on the conference [below](#). Follow along on Twitter via [@AVnu Alliance](#) or get Conference updates with the hashtag #TSNA15.



- The AVnu Alliance Board of Directors

## HERE'S WHAT WE'VE BEEN UP TO

### AVnu-certified Product Announcements Continue

We are proud of our members who continue to announce new certified products. In early January, the Meyer Sound CAL became the first loudspeaker to receive AVnu certification. The CAL is widely recognized for setting a new standard for coverage control and sonic precision in steerable column arrays. Now that CAL is AVnu-certified, it will be able to provide seamless interoperability with other AVnu-certified devices from other vendors.



The AudioScience Hono AVB mini(s) became AVnu-certified in January as well and were also showcased at ISE 2015. The Hono AVB mini series includes four products, 4.4M/2.2M, with 4/2 line inputs/outputs with studio quality mic preamps, and the 4.4D /2.2D with 4/2 channels of AES/EBU input/output.

### New Members

We were thrilled to add four new industry leaders to our membership roster. Excelfore, L-Acoustics, Synopsys and T.T. Tech are each innovative leaders in their market, offering AVB/TSN support and products across various segments.



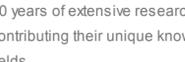
Excelfore has been developing AVB solutions since 2010. We are excited to have their wealth of experience and insight as we move forward with the standardization of AVB within the Alliance. They also bring an impressive line-up of AVB stack products that includes an AVB stack for an AVB camera, an AVB tuner and more.



L-Acoustics is a leading manufacturer of turnkey solutions for the professional sound industry and is present in over 60 countries either through subsidiaries or via a network of certified distributors. They are recognized throughout the industry for pioneering the modern line array and their product line meets the needs of a broad range of venues across the world.



Synopsys is a leading provider of interface, IP and delivers silicon-prove Designware Ethernet IP solutions for integration into a wide range of networking SoCs. We are looking forward to their support in developing certified and interoperable IP solutions.



TTTech is the technology leader in robust networked safety controls. They improve the safety and reliability of networked computer systems with their solutions, best in class products and more than 30 years of extensive research that are used in several industries. This makes them the ideal fit for contributing their unique know-how to the work AVnu performs in the automotive and industrial fields.

## Upcoming Events for AVnu Alliance

### Conference on TSNA and AVnu All-Member Meeting



AVnu Alliance is a key sponsor of the Conference on TSNA taking place April 28-29, 2015 at the Hilton Santa Clara. The conference is designed to provide attendees with an overview of current and emerging standards and technologies related to real-time and distributed applications and networks. Several topics that will be discussed include: Emerging IEEE 802 Standards for TSN, Advanced Driver Assist Systems, TSN for Industrial

Automation/Control and high speed manufacturing, just to name a few.

Early bird registration is discounted until April 1, 2015. To register or to see a full list of topics, you can visit the TSNA Conference [website](#). Follow the event hashtag, #TSNA15, to get conference updates as they are announced.

### For AVnu Alliance Members

We will host our first ever All-Member face-to-face at the Hilton Santa Clara on the day after the TSNA Conference, making it easy for Alliance members to join us for both events. Presentations about AVB/TSN standards, certification testing plans, use cases, and more will provide members with an update and review of the AVnu Alliance roadmap and provide valuable resources to members looking to implement AVB/TSN into their products.

## AVnu Alliance in the News

Gigaom Research has been closely following our Industrial Segment updates and research analyst, Adam Lesser, spoke with multiple members about the challenges in industrial IoT and the need for standards. "Having a common time standard, for example, is critical to coordinating tasks on a network...Standards and certification have an obvious role to play in power generation. In much the way that the WiFi alliance helped create consistent interoperability through its testing and certification, AVnu is working on standards for industrial Ethernet applications." You can read his full write up [here](#).

While at ISE this year, we were able to meet with a new editor for InAVate, Hurrairah bin Sohail. Hurrairah recapped the launch of TSN in the feature, [ISE 2015: Getting on the Grid](#). "With the AVB standard spreading from the professional AV industry to other sectors, including the industrial control sectors recently, TSN was adopted as a more all-encompassing moniker." We also showed some light on a few of our new certified products, "Among the new AVB certified products shown was a Meyer Sound steerable array. Biamp Systems also have their recently released Tesira 2.3 DSP slated to be AVB certified as well."

Marco Lisi from AudioVideo2Day also covered [Meyer Sound CAL's certification](#) saying, "For specifiers and integrators, Meyer Sound CAL with AVnu-certified AVB streamlines the network infrastructure by combining audio signal transmission with system control and monitoring using industry-standard structured cabling such as CAT5e and CAT6." Additionally, Commercial Integrator broke the news regarding the hard work from Alliance member, AudioScience with their announcement of the [AVnu-certified Hono AVB Mini](#). "AVnu certification will give our customers confidence that when they choose one of our AVB products they know they are buying something that will interoperate with other AVnu certified AVB devices." - Richard Gross, president of AudioScience.

## Member News and Recognition

- Biamp Systems' Product Manager Chris Fitzsimmons took part in a panel discussion, "AV Distribution: Straight Facts, What You Need to Know" at InfoComm Connections 2015 on March 4, 2015. Fitzsimmons sat alongside other industry experts to discuss the technologies, applications, and best practices of AV distribution including AVB/TSN.
- Tom Knesel, Pivtec and Rex Reed, HARMAN traveled out to the 2015 NAMM show to give an AVB 101 presentation during the Hands On Training (H.O.T Zone) in late January.
- AVnu member, Coveloz, launched their Networked Pro Audio SoC FPGA Development Kit for designers, who focus on professional networked audio and video processing applications. The kit was exhibited at ISE 2015 and will also be showcased at the NAB Show in Las Vegas this April.
- Congrats to Biamp for winning the InAVate award for Most InAVate Audio Product at ISE 2015 for AVB-enabled TesiraForté. They also won the National Systems Contractors Association (NSCA) Excellence in Product Innovation Award for the same product.

## Updates for Members

- In recognition of our recent expansion into additional markets, the AVnu Alliance Board of Directors has elected to open an additional seat on the Board (an "Elected Director"). Per the Bylaws, AVnu Alliance maintains six Directors, consisting of representatives from the Founding Promoters, on its Board. With the addition of the additional seat, the 2015-2016 Board will consist of seven Directors. **If you are an AVnu Alliance member and would like to nominate an individual, please see the form sent to you from AVnu Administration and return it by March 24, 2015.**
- We are currently in the planning stages for InfoComm 2015. If you are interested in participating in the AVnu Alliance booth, please reach out to [events@avnu.org](#).
- If you have ideas for stories, news, case studies, awards, photos or other submissions you want shared in the newsletter, please email them to [AVnu@castercomm.com](#).

## Get Social!

**Join our communities:** Connect with AVnu Alliance to stay up to date on all Alliance announcements, including where we're going and what we're doing via our Twitter account ([@AVnu Alliance](#)). Use the hashtag [#AVnuChat](#), [#AVnuTSN](#) and the TSNA Conference hashtag [#TSNA15](#) to ensure you catch all of our updates. You're also encouraged to join the conversation on our [LinkedIn page](#).