Siemon delivers insight into latest smart building technologies at Integrated Systems Europe 2022

Chertsey, 17 May 2022 – Siemon, a leading global network infrastructure specialist, recently participated at Integrated Systems Europe, the world’s leading AV and systems integration exhibition where it displayed its state-of-the-art network infrastructure solutions for smart buildings.

In a live-demo at the stand of the SDVoE Alliance, Siemon demonstrated how its high-performance copper and fibre optic cabling solutions support high-speed, low latency transmission of audio-visual applications over Internet Protocol (AV IP) whilst also supplying power via Power-over-Ethernet (PoE) technology to connected AV devices.

“At every tradeshow we bring demonstrations that show off the wide-ranging capabilities of SDVoE technology. It’s great to have Siemon cables as our strong foundation, giving us the confidence that our booth visitors will always see SDVoE at its best”, says Justin Kennington, President of the SDVoE Alliance.

Siemon’s ConvergeIT™ cabling solution for intelligent buildings is designed to support IP-based intelligent building systems and devices via a single structured cabling infrastructure that delivers Power over Ethernet (PoE). With ConvergeIT, designers, building owners and contractors can plan and deploy efficient IT cabling infrastructure that supports not only voice and data, but also high-definition audio/video as well wireless, lighting, video surveillance, access control, energy management, HVAC and other services.

As an Adopting Member of the SDVoE Alliance, Siemon is dedicated to educating the AV industry on standards-based structured cabling technology and best practices in the design,
installation and testing of the infrastructure that supports the transmission of ultra-high definition video and audio.

At Integrated Systems Europe, Siemon shared specific insight on how to deploy an IP-based infrastructure to support AV installations. Category 6A/class EA shielded cabling should be the minimum twisted-pair cabling deployed for any AV installation and is required to support low latency and zero-error transmission over 10G copper channels up to 100 meters. With a growing number of video displays being powered via remote powering technology, e.g. PoE or POH, shielded cabling provides superior heat dissipation and thermal stability which can otherwise lead to power and efficiency losses and performance degradation.

"Integrated Systems Europe gave us the opportunity to meet industry professionals face-to-face again after many months of lockdown," says Alberto Zucchinali, Senior Technical Manager at Siemon. “At Siemon, we provide market leading solutions and expertise for the future of the connected building and Integrated Systems Europe provided an ideal platform for us to demonstrate how high-performance network cabling solutions can support the smart building environment."

Integrated Systems Europe took place from 10 to 13 May 2022 at the Fira de Barcelona in Barcelona, Spain. As the leading AV and systems integration exhibition, the show brings together an international community of audio-visual professionals and companies from across the AV and systems integration market, including manufacturers, distributors, dealers, contractors and consultants. The exhibition was supported by an extensive programme of conferences, professional development sessions, technology demonstrations and events.

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