

Silicon Line Joins Video Electronics Standards Association

Company's Leading Active Optical Cable Technology to Support Roll Out of Next Generation Standard for Higher Video Resolution

MUNICH and COLORADO SPRINGS, Colo., October 2, 2018 – Silicon Line GmbH (www.silicon-line.com) has joined the Video Electronics Standards Association (VESA), an international standards group that supports and sets industry-wide display interface standards for the PC, workstation and consumer electronics industry.

Silicon Line is a leading optical link technology company and plans to help integrate support for active optical technology into new specifications supporting higher video resolutions and frame rates. VESA has already announced it is working on updating its DisplayPort™ video connectivity standard which will target at least twice the bandwidth of its current 32 Gbps specification.

Founded in 2005 and headquartered in Munich, Germany, Silicon Line is the pioneering developer of ultra-low-power optical interconnect technology that enables the use of thin, long, lightweight, flexible and very high speed active optical cables for products including PCs, mobile devices, TVs, set-top boxes, video game consoles, augmented reality (AR) and virtual reality (VR) headsets and more.

For nearly 30 years, VESA has created and supported simple, universal and cross-product solutions for today's video and electronics industry. The association's standards include DisplayPort, the industry replacement for DVI, LVDS and VGA that utilizes a state-of-the-art digital protocol for enhanced entertainment experiences.

“Throughout its history, VESA has driven interface standards for PC and embedded displays that have enabled new innovations in display technology, including ever-higher resolutions and refresh rates, new display formats such as high-dynamic range (HDR), and new applications such as AR/VR. None of this would be possible without the support of the more than 270 companies across the electronics supply chain that comprise VESA's membership. We are pleased to count Silicon Line among our growing list of members, and we look forward to the company's contributions to further the development of DisplayPort and other VESA standards,” said Bill Lempesis, executive director of VESA.

Silicon Line Director of Marketing Ian Jackson underscores the importance of joining VESA, including the fact that it supports the company's mission to bring active optical cable technology to high volume consumer markets.

“We hope to help VESA integrate advanced optical technology into its next generation DisplayPort standard which will have a boosted bandwidth of 64 Gbps or higher,” said Jackson. “The original standard was created long before the emergence of high bandwidth applications such as VR, AR, 4K / 8K TVs, PCs, and other devices. With active optical cable technology, we are no longer bound by the bandwidth and one or two meter cable length limitations of copper cables.”

Silicon Line has already joined several teams within the organization including marketing, DP Alt, VR/AR, PHY/Test and automotive.

About VESA

The Video Electronics Standards Association (VESA) is an international, non-profit standards association representing a global network of more than 270 hardware, software, computer, display and component manufacturers committed to developing and promoting the electronics industry. For nearly 30 years, VESA has created and supported simple, universal and cross-product solutions for today's video and electronics industry. The association's standards include DisplayPort™, the industry replacement for DVI, LVDS and VGA. DisplayPort utilizes a state-of-the-art digital protocol and provides an expandable foundation to enable astonishing digital display experiences. For more information on VESA, please visit <http://www.vesa.org/>.

About Silicon Line

[Silicon Line GmbH](#) is the global leader in ultra-low-power optical link technology enabling thin, lightweight and long high-speed cables for consumer electronics, commercial and industrial applications. The company develops and manufactures integrated circuits and modules which allow a simple, low-cost, high volume assembly of active optical cables. Founded in 2005, Silicon Line is based in Munich, Germany with offices in Korea, Japan, Taiwan, China and the United States.

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