

Press Release

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IHSE to demonstrate the extension and switching of Virtual and Augmented Reality signals

Oberteuringen, February 5, 2018 – At ISE 2018, IHSE will be introducing a game-changing solution to extend and switch immersive reality signals over long distances using Draco KVM systems.



There is growing interest in Virtual and Augmented Reality (VR/AR) systems in a wide variety of Pro AV market sectors; in corporate and education applications such as product design and prototyping, situational training and advanced control environments, in retail and leisure applications like cinemas, shops and museums.

Extending the distance between source computers and users, and switching between VR/AR applications, are real challenges today. IHSE's Draco KVM solutions allow high-performance

computers for VR/AR systems, CAVEs and large LED walls to be located at a remote distance of up to 80 km. Only a single Cat X or fiber connection is required to extend a VR/AR system.

This adds convenience, security and simplified setup of immersive reality installations; many of which are in constricted or public locations. Adding a Draco KVM matrix switch enables users to switch multiple VR/AR headsets in different locations to centralized high-performance computers located in a secure room. There is no longer a need to locate expensive PC hardware equipment close to users or to purchase multiple high-performance computers. Redundancy options for mission critical systems are also available.

“For VR/AR headsets to provide a smooth user experience, graphics latency and head tracking delay must be extremely low,” explains Manuel Greisinger, Head of Sales at IHSE. “Our extension and switching solutions guarantee a round-trip video processing delay of less than 5 milliseconds. Meeting these extreme requirements is mandatory to avoid motion sickness and nausea and to extend signals with maximum performance and robustness. IHSE's industry-first solution will enable customers to rethink their current and future VR/AR

installations by opening up a new dimension in terms of flexibility and scalability with an improved ROI.”

IHSE demonstrates the extension and switching of Virtual and Augmented Reality signals at ISE in Amsterdam, 6-9. February 2018, Stand 10-P135.

About IHSE

IHSE is a leading developer and manufacturer of advanced KVM (keyboard, video, mouse) solutions with more than 30 years of experience. KVM technology enables the remote switching, distribution, bidirectional extension and conversion of primary computer signals including DVI, HDMI, 4K DisplayPort, audio and USB. IHSE develops and manufactures an extensive range of KVM switches and extenders with visually lossless signal transmission from headquarters near Lake Constance, Germany.

IHSE products have been certified for outstanding manufacturing quality, security, operability, resilience and high transfer speeds. Many renowned companies and institutions across vertical segments including Broadcast, Post Production, Air Traffic Control, Control Rooms, Banking, Industrial, Corporate, Medical, Maritime, Education, Venues & Entertainment and Government rely on KVM solutions made by IHSE, Germany. For further information please refer to www.ihse.com.

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