



## PRESS RELEASE

### ROE VISUAL EXCLUSIVELY SHOWCASES 100G OVER SMPTE ST 2110 Experience this Innovative Ecosystem Using Megapixel's 100G Input at IBC

**Leek, the Netherlands (5 September 2023)** – The future of production requires an immense increase in bandwidth capacity supporting innovations in content, larger display canvases, and bi-directional control. Megapixel's 100G solution for the HELIOS platform is a giant leap forward for LED processing. ROE Visual is pleased to offer its clients the benefits of this processing capacity alongside its industry-leading LED panel – delivering best-in-class solutions.

Unique to the IBC, the ROE Visual stand will exclusively show this innovative new ecosystem in operation, fully running on the native SMPTE ST 2110 and using the 100G **QSFP28** fiber input module for the HELIOS LED Processing Platform. Jeremy Hochman, Megapixel founder, explains, "We couldn't be happier to be launching this new impressive capability with our trusted partner ROE Visual to the broadcast market at IBC.

"With broadcast moving towards remote or cloud production, the ability to use native SMPTE ST 2110 as input inside the HELIOS is exceptionally beneficial for both live-event and broadcast industry solutions. The new technology allows for an easy and straightforward selection of sources from the broadcast ecosystem and will display them on all ROE Visual products, comments Roelof Bouwman, Managing Director for ROE Visual Europe.

The 100G input module allows HELIOS to ingest up to 8K60 12-bit natively or 4x 4K60, enabling ultra-large canvas sizes. Because HELIOS is bandwidth-driven rather than raster-driven, it supports non-standard canvas sizes, such as 16K x 2K or 32K x 1K.

The 100G connection is an excellent solution for sending large amounts of pixels; it also reduces overall system latency by reducing the amount of equipment in a signal path and allows an overall more

#### **Inspiration Panels**

ROE Visual will host a special panel on this topic on Sunday, 17 September, at 15:00 with members of the Megapixel VR and disguise teams to dive deep into this technology. Limited spaces are available, so ensure you're in on these once-daily sessions in Hall 7 C26. See you there!

Don't forget to register to obtain your free admission vouchers. Use Code **IBC7810** for [Free registration for the IBC show](#).

**Explore the dynamic possibilities that ROE Visual brings to the world of visual storytelling and meet the team in Hall 7, Stand C26.**

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### **About ROE Visual**

Founded in 2006, ROE Visual manufactures unrivalled, award-winning LED display technology for a broad range of applications, including touring productions, broadcast, film, live and virtual events, corporate, architectural, retail, control room, and many more. Used by the most significant touring artists and spectacular broadcast events, retail, and architectural installations, ROE Visual's products live up to the exacting demands of the industry's creatives and technologists. ROE Visual products offer maximal creativity, ease of use, durability, and visual excellence. By enabling spectacular and breathtaking visual effects to come to life on a large display format, immersive experiences for performers and audiences all over the globe can be created. The company enjoys relationships with leading global AV Installers, rental companies, and notable partners in the production, film, and event industry. ROE Visual offers expert knowledge in LED display technology and extensive support on a global scale through its American, European, and China-based teams. For more information, please visit: [www.roevisual.com](http://www.roevisual.com)