

Immersive Media Experiences

10G adds new dimension to the delivery of next-generation displays

The Promise of Multi-Gigabit Technologies

CableLabs and the cable industry have been working hard to bring you 10G, the next evolution in networking. The 10G platform provides 10 times the speeds of today's networks in the upstream and downstream, along with increased security, better reliability and reduced latency. In addition, CableLabs has been focused on the future of media production and consumption, envisioning the new immersive experiences that 10G will make possible. These new, interactive experiences will change the way we live, work, learn and play.

Working Toward Interoperability Through Standardization

A complete ecosystem is necessary to deliver immersive media experiences. It starts with the creation of immersive media, either by capturing light fields with arrays of cameras and/or synthetically creating virtual worlds using the latest visual effects tools. It includes the latest glasses-free holographic displays, providing actual parallax (where you can see around objects) and vergence accommodation (where your eyes are focused on a point in space rather than at a flat screen). It needs a capable network to deliver the content to the next-generation displays. And it requires standardized media and network distribution formats to interoperate across the ecosystem.



New immersive experiences will allow a user to walk into a holographic light stage and participate in a spatial environment.

CableLabs is working with industry leaders to help define these formats and accelerate the ecosystem. And we continue to innovate on the network to ensure our members are ready to deliver these next-generation experiences.

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Click [here](#) to watch a demonstration of Immersive Media Experiences on CableLabs' YouTube channel. Also, visit www.cablelabs.com/thenearfuture to view our collection of award-winning films and get a glimpse of what we envision 10G will deliver in The Near Future.

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