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Link to Image: [VR Over IP Demo](#)

## Atlona Unveils Immersive VR over IP Experience at InfoComm

Cutting-edge demonstration inspires imaginations for VR applications in higher education, corporate, and scientific AV environments

SAN JOSE, Calif., June 26, 2019 – Atlona unveiled an industry-first VR over IP innovation for the commercial AV industry at InfoComm 2019 show, with a focus on immersive AV for higher education applications. Ideal for university research labs and engineering programs, Atlona's VR over IP breakthrough will enable student-researches to visualize educational environments in ways not previously possible.

Powered by Atlona's OmniStream AV over IP family, the dynamic demonstration delivered immersive VR experiences over 1 Gbps Ethernet networks. Visitors to the stand experienced the demo through VR headsets and controllers, offering viewers a window into how VR can be applied in real-world AV applications.

According to Dr. Gregory Mirsky, Product Manager, Atlona, the demonstration was born from a customer request in the higher education market. While Atlona expects that market to capture the most initial interest, the company sees location-independent collaboration, training and simulation, and data visualization as potentially compelling VR over IP applications in corporate and scientific AV environments.

"Using our OmniStream AV encoders, decoders and USB over IP adapters, the demonstration proved how OmniStream can support VR-specific 2160 x 1200 resolutions, working at 233 million pixels per second and with a 90Hz refresh rate," said Dr. Gregory Mirsky, Product Manager, Atlona. "The takeaway for integrators and tech managers is that OmniStream's core benefits around bandwidth efficiency and low-latency distribution apply to the very advanced requirements of managing VR environments over IP networks."

The complete Atlona VR over IP demonstration leveraged OmniStream **AT-OMNI-111** single-



channel encoders, AT-**OMNI-121** single-channel decoders, and network-switchable USB over IP device adapters (**AT-OMNI-311**, **AT-OMNI-324**).

For more information on the application, visit <https://atlona.com/virtual-reality-vr/>.

### **About Atlona**

Atlona, a Panduit company, is a leading global manufacturer of AV over IP distribution, connectivity, and control solutions. The company designs and engineers innovative, award-winning products for a diverse range of residential and commercial AV and IT markets. Backed by an award-winning 10-year warranty, Atlona's products are developed to enable our customers' ability to connect and collaborate with simplicity. More information about Atlona is available at [atlona.com](http://atlona.com).

### **About Panduit**

Global connectivity leader Panduit Corp. creates innovative electrical and network infrastructure solutions for applications across the enterprise. Headquartered in Tinley Park, Ill. and operating in 112 worldwide locations, Panduit's technology leadership and robust ecosystem help support, sustain, and empower business growth in a connected world. [panduit.com](http://panduit.com)

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