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CommScope Collaborates with Resonai to Enhance Augmented Reality Application for Intelligent Buildings

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HICKORY, N.C.--(BUSINESS WIRE)--May 14, 2020-- CommScope, a global leader in infrastructure solutions for communications networks, is working with Resonai Inc., an artificial intelligence and augmented reality (AR) company, to explore building an application based on Resonai's Vera platform to leverage the benefits of AR for installation, operation and maintenance of communications infrastructure in a building or campus environment. This expands CommScope's focus on automated infrastructure management to include Vera's AR cloud technology along with several CommScope in-building connectivity products.

Companies today can create a 3D digital representation of a physical space. But there are very few AR platforms on the market that can generate a highly accurate and very precise "intelligent" digital twin needed to address real business issues. This technology allows building owners and operators to leverage the computing power of the AR cloud to create new user experiences that were previously impossible, gain access to a whole new level of user analytics, and even identify new monetization models from the digital real estate that is created.

For example, this type of AR application enables a user to expediently identify and locate faulty equipment, identify accurate placement and installation of new equipment, access step-by-step guidance for maintenance tasks, and perform these activities with equal efficiencies in a small or large building.

"CommScope continues to explore unique ways for our campus and building customers to operate their networks more effectively and more efficiently" said Ernie Pickens, senior vice president of Enterprise Solutions, CommScope. "Our work with Resonai in augmented reality continues to show promise and opens up collaboration opportunities across the intelligent building ecosystem."

Vera is a fully-productized AR computer vision platform that transforms physical spaces into intelligent digital assets. Its technology imbeds intelligence into a physical space so that any device can navigate through it, apply logic, and continuously learn from the surroundings. Vera employs very precise and real-time localization and tracking of users within these environments, without the use of any markers. This provides the ability to inject content remotely and access analytics that can be used to personalize content and improve building efficiencies.

"We're thrilled to be working with CommScope to demonstrate how AR can improve business functionality on a global scale," said Emil Alon, CEO and founder of Resonai. "Once a building is converted into an intelligent digital twin in the AR cloud, CommScope and its customers can access applications that will have direct, tangible impact on business operations."

CommScope first announced its work with AR technology back in April of 2018. At that time the efforts were focused on augmented reality (AR) with CommScope's imVision automated infrastructure management solution to help customers "see" what the naked eye cannot. Some of this initial work included visualization of cable pathways above a ceiling and identification which outlets have PoE capability.

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About CommScope:

CommScope (NASDAQ: COMM) is pushing the boundaries of technology to create the world's most advanced wired and wireless networks. Our global team of employees, innovators and technologists empower customers to anticipate what's next and invent what's possible. Discover more at www.commscope.com.

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About Resonai:

Resonai is an AI company that is powering machines to understand the physical world. Vera, is our AR platform that transforms physical spaces into intelligent digital environments by creating a very accurate 3D twin of any physical space and embedding 'intelligence" so that any device or application can truly understand the space, navigate through it, apply logic, and continuously learn from the surroundings. With the Vera platform, building owners and operators can leverage the huge compute power of the cloud to automate processes, create engaging AR experiences, gain access to a new level of data analytics, and identify new revenue streams from the new digital real estate.

This press release includes forward-looking statements that are based on information currently available to management, management's beliefs, as well as on a number of assumptions concerning future events. Forward-looking statements are not a guarantee of performance and are subject to a number of uncertainties and other factors, which could cause the actual results to differ materially from those currently expected. In providing forward-looking statements, the company does not intend, and is not undertaking any obligation or duty, to update these statements as a result of new information, future events or otherwise.

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