VIRTUAL (VR), AUGMENTED (AR), AND MIXED REALITY (MR)

Construction and Property Development

Virtual, augmented and mixed reality is emerging as a powerful tool in selling property development, showcasing its progress and serving as a marketing and public relations tool. Autonomy Hub with its Ghost Team of collaborators offers a fully immersive, virtual reality experience for development.

Commercial real estate marketers, sales teams and property managers can use the technology to demo a building's feature, provide tours of building spaces, facilitating a more experiential pull for would-be buyers or tenants, building plans designed with AR technology

The 360 degree interactive video tours have been sold as virtual reality, but are not a fully immersive experience. With a realistic virtual experience incorporating high quality computer generated architectural and combining these with drone (UAS) photography and video. This gives buyers, project managers, and targeted groups the actual view from a specific flow as well as the rooftop.

- High quality computer generated renderings from architectural drawings of the development
- Live action, 360 drone footage, creating a photo-realistic immersive experience
- Interior display suite specifications and branding
- Step through and outside the window for a fully immersive experience
- Creates an emotional experience with a reaction that cannot be duplicated in any other way
- Blending real-world and computer generated space
- Atmospheric audio of street noise and wind for an immersive experience
- First person street view of the project and surroundings

Integration of Drones and VR Technology

The integration of automation with VR and AR (virtual and augmented reality) and drones is growing rapidly in the sectors of infrastructure, tourism, agriculture, defense, oil and gas, and mining. The primary motivation is to reduce human error and allowing companies to provide solutions for workforce automation.

Drones utilizing AR and VR can:

- Relay real-time information
- Remotely accessed using AR technology
- Information is used to design and implement strategies
- Identify and monitor
- Carry out inspections ensuring safety
- Detect problems in the health of agriculture
- Reduce physical inspection and agriculture and provide routine maintenance

Autonomy Hub is a connector to incorporate programs, develop or provide services in these areas.