

AR MANUFACTURING EXPERIENCE

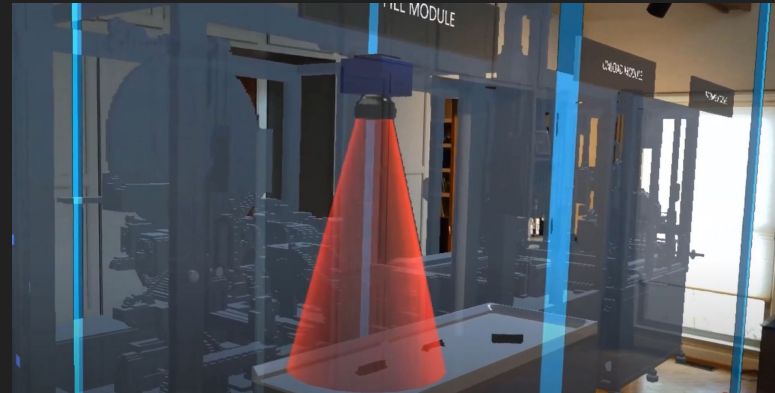
Due to COVID, Samtec's main facility was closed to visitors. Sales and Compliance still needed the ability to promote facility capabilities.

Led concept meeting to explore ways to provide at home tours to customers during the COVID pandemic.

Leverage HoloLens 2 headset technology to overlay data and 3D interactive content in the user's own space.

Prototyped, designed and built example scenarios for review.

Hardware: HoloLens 2



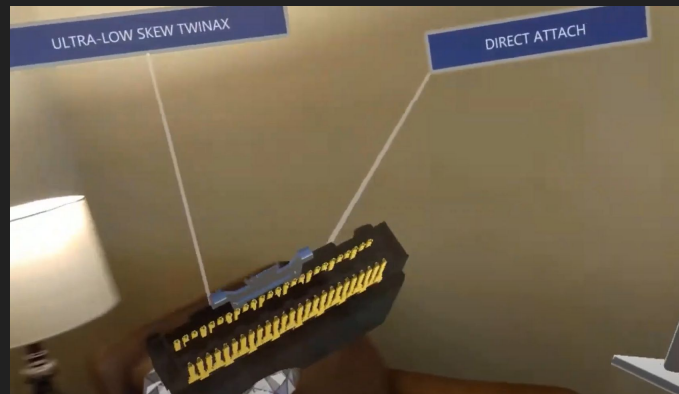
Interactive room scale holograms with voice narration



VIEW



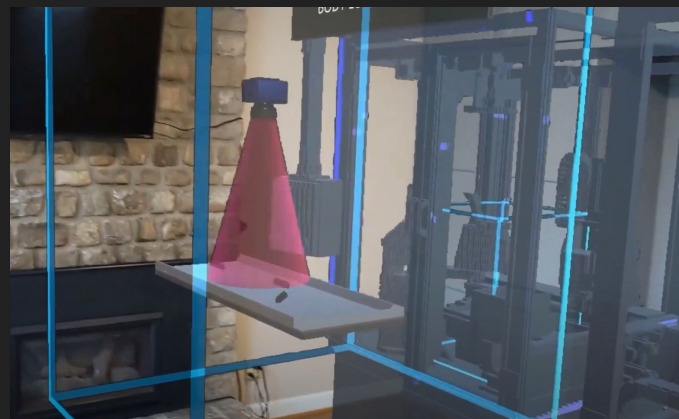
Envisioned ability for user to view products in their space



Hand tracking leveraged to provide natural interaction with products



User can view product immersive context of its use



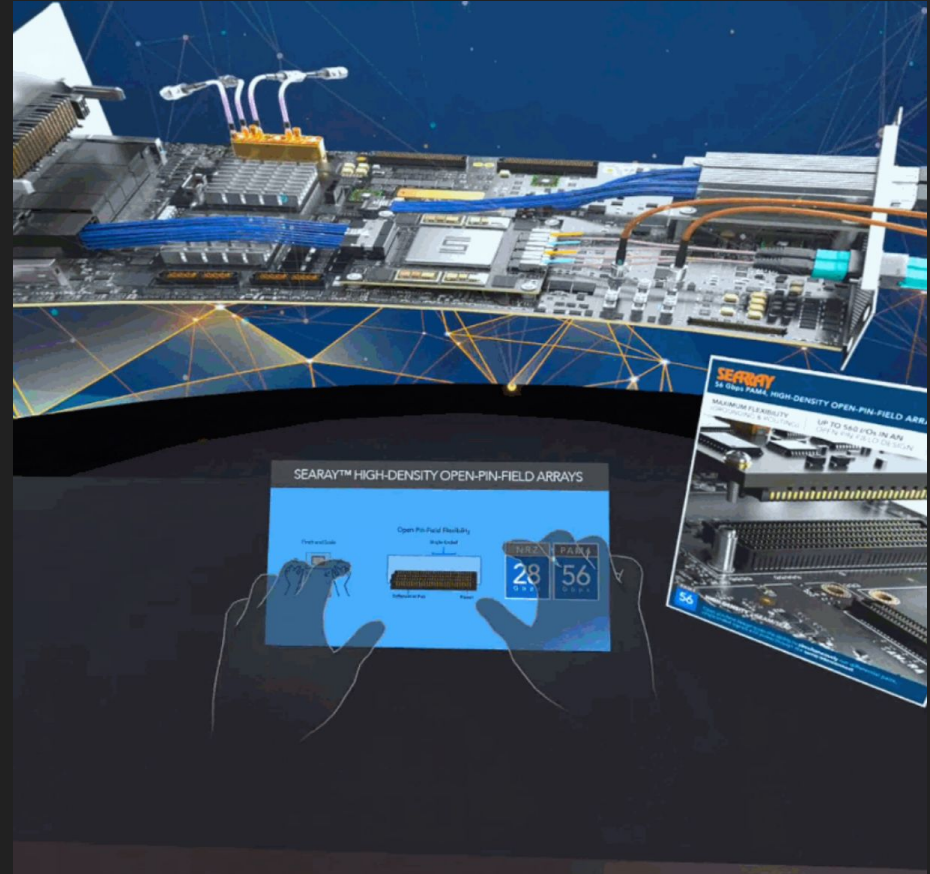
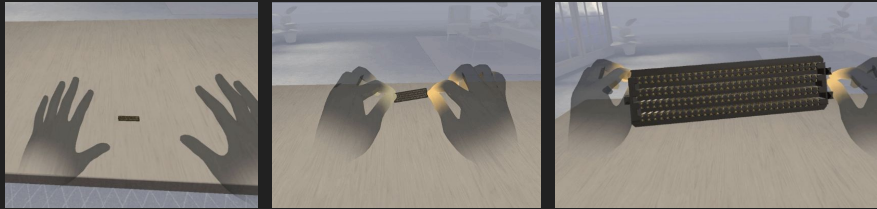
Room scale holograms with voice narration to mimic real life tour

VR PRODUCT EXPLORER

Explore a wide variety of High-Speed cables and connectors in a hands-on virtual trade show experience.

- Use hand tracking to enlarge products
- Engage with younger Engineers
- Immersive experience = more memorable
- Training Dept., Trade Shows, Recruiting

Hardware: Meta Quest 2/Quest Pro

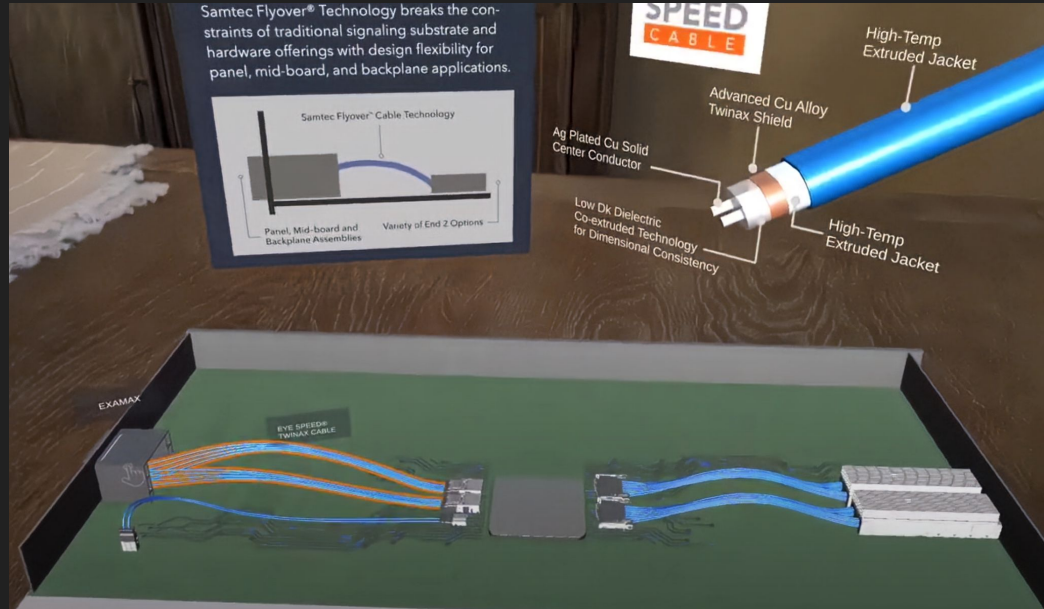
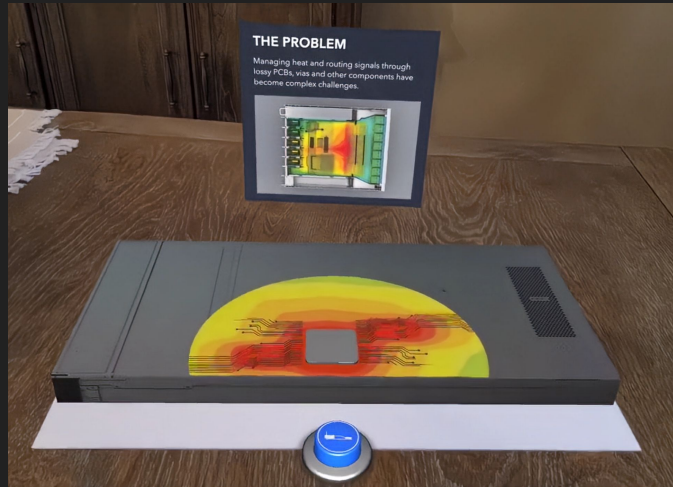


AR PRODUCT EXPLORER

Explore a wide variety of High-Speed cables and connectors using an AR marker on handheld devices.

- Realworld marker
- Learn about benefits of FlyOver technology
- View connectors in real world scale

Hardware: Android



RECRUITING VR TOUR

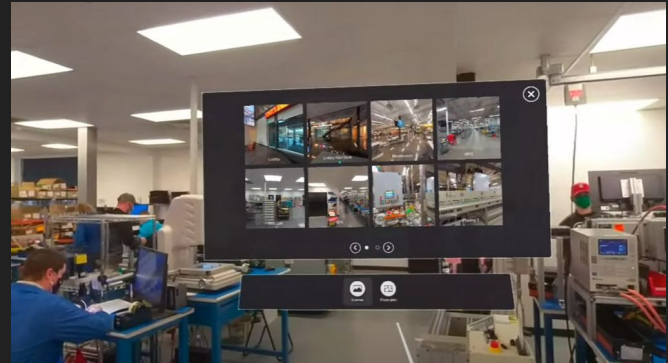
Samtec's Co-ops are highly regarded as bringing new ideas and skill sets to the company.

How to engage a young audience of engineers and get them interested in Samtec?

Differentiate ourselves to students at the job fairs.

- 360' imagery of facility
- Synthetic voice narrator
- Tour multiple areas of importance
- Using a 3rd party web tool helped to rapidly build the experience, work within constraints

Hardware: Meta Quest 2



META QUEST - VR GAME

Prototype VR game - Dungeon crawler with a wizard's theme. Play as a young magician who wields a powerful magic wand. Explore the skeleton infested dungeons and hidden dangers.

Hardware: Meta Quest 2/Quest Pro

