

BEST PRACTICE

LOCATION: Construction/delivery site
ACTIVITY: Communications and information access
SUB ACTIVITY: No Sub Activity Available
BEST PRACTICE No: BP2149
COUNTRY OF ORIGIN:

ARTICLE YEAR 2022
COMPANY: FM Conway
COMPANY LOCATION: Structures
COMPANY TEL: 0000

TITLE

Augmented Microsoft Hololens

ARTICLE

FINALIST - Safer construction or contracting site

FM Conway Structures (FMCS) regularly came across situations where its stakeholders were unable to visualise what FMCS was proposing, grasp the magnitude of clashes with other activities or how it may affect the general public. In addition, they recognised that traditional design packs submitted to clients and operatives, do not utilise the detailed and extensive information gained during the design process.

As part of FM Conway's innovation strategy, a team was asked to look at opportunities to utilise technology that would enable safer and smarter working. One of the ideas was to explore the capabilities of Microsoft Hololens and how it could be integrated into its business.

HoloLens is an untethered, self-contained holographic headset that allows users to leverage enterprise-ready mixed reality (MR) applications while working "heads-up" and "hands-free." FMC recognised among many potential applications, HoloLens could be used to make some of the investigation and maintenance work undertaken by Structures safer whilst addressing the issues highlighted above.

Please watch the video and review PowerPoint

ARTICLE IMAGES