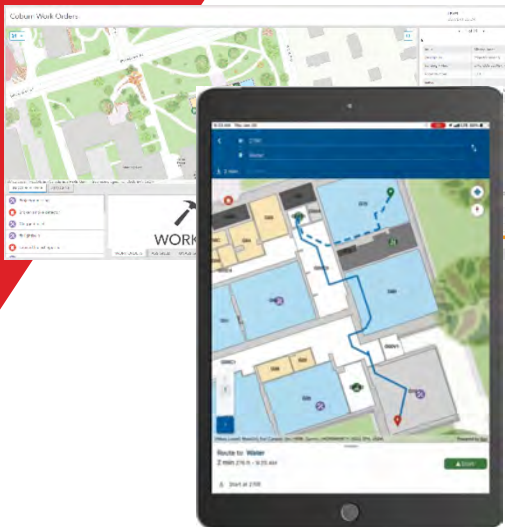
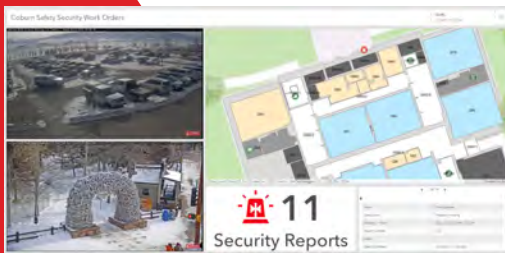


CASE STUDY

UMass Lowell: Esri ArcGIS Indoors Pilot Project

Location: Lowell, MA | Services Rendered: ArcGIS Indoors Implementation and Deployment



DOCUMENT

UMass Lowell (UML) is a national research university in Lowell, MA with a 142-acre campus, 3+ million square feet of facilities and 70+ structures. The ability to schedule, maintain, operate and track assets can be a daunting task. In order to better support asset management and workplace operations, LandTech and UML successfully embarked on a pilot project to implement the Esri ArcGIS Indoors solution to evaluate the mapping system, benefits and feasibility of the ArcGIS Indoors solution enterprise-wide.

IMPLEMENTATION

LandTech began with a BIM model, created for a mixed-use building 3 years prior, and converted it into the ArcGIS Indoors database in both 2D and 3D. From the data set created, multiple Esri applications were developed for use targeting asset and facility management, planning and scheduling, operations, security and wayfinding. With full GIS functionality, the visual solutions can more efficiently direct users to the desired asset with the ability to link outside data sources and platforms as well.

"ArcGIS Indoors is a great solution to enhance our enterprise operations. It allows for interoperability and integration with our existing software solutions which in the future will give us a one-stop-shop solution."

- Peter Brigham, Associate Director, Planning & FIS, UMass Lowell

RESULTS

UML was extremely impressed with LandTech's implementation and integration of ArcGIS Indoors. The solution provides a central digital repository with a visual interface that can be accessed in the offices and remotely in the field. The solution can also be scaled enterprise-wide with controlled access for individual stakeholders to have access to information critical to their specific needs in a single solution for smart building management. The ability to integrate UML's other campus platform solutions, including TRIRIGA, ServiceNow, 25Live and Automated Logic, was key in providing a successful outcome for this pilot project.