

APPLICATIONS

As-Built Surveys
Clash Detection Analysis
Documentation of Historic Locations
3D Model Development of Facilities

TIME & SAVINGS

Efficiencies are gained by spending less time on site. Traditional methods of data collection involved days and weeks of incurred travel expenses and labor at the job site. Laser scanning takes away a significant amount of the front-end labor hours by integrating technology to accomplish the same task faster.

ACCURACY

3D Laser scanning offers better accuracy and quality through the density and complexity of detail in the point cloud of your space. Laser scanning can determine where structural beams and columns are located, as well as the distance between the floor and ceiling as well as all other fundamental systems and features. The point cloud data is then carefully and meticulously converted into the CAD or BIM product of choice. Our technicians and engineers are able to provide extremely precise as-built models which accurately record how things connect in real space within less than an 1/8 inch deviation. This is far superior to outdated methods and pictures that often provide inaccurate, warped and distorted distances between objects.

ACCESS & SAFETY

Data can be captured remotely and safely without disrupting operations. Elevated, dangerous and hard to reach spaces become easily and safely accessible when laser scanning is accomplished using professional survey poles and drones.

SHARING & STORAGE

360-degree panoramic images and scan data can be stored online for project stakeholders to view, highlight and comment on particular areas from the comfort of their own desk. Stored data is easily accessible to analyze current and future facility upgrades.

PROJECTS



FOOD & BEVERAGE MANUFACTURING PLANT

STUDY OF GLULAM BEAMS | 248,891 SQFT

- Provided a scan of the entire facility to record the glulam structures.
- Processed an imaged walk through of the facility and provided this to the client for future glulam repairs
- Review and verification of architectural layout and MEP system components
- Construction Documents we ready for design team to complete work

NEW DOWNTOWN DALLAS RESTAURANT

AS-BUILTS | 6,600 SQFT

- Construction Documents included all associated Mechanical, Electrical and Plumbing equipment serving the space
- 2 week turn around time
- Review and verification of architectural layout and MEP system components
- Construction Documents we ready for design team to complete work

RAYTHEON UTAH & FULL DESIGN SERVICES

- **LEED CERTIFICATION** | 14,000 SQFTFully developed as-builts for the space
- The completed construction documents were used in the formal bid process
- Construction Documents were used for city permitting
- Renovated Office design with team rooms, conference rooms, open lab spaces, a break area, a security foyer, and associated employee space.





WBEN®





S 3D LASER SCANNING

Based on our experience working in a variety of environments, our team understands the latest strategies and technologies to achieve your desired result.

Our philosophy is simple: provide solutions that solve for the long term—improve efficiency, maintainability, and value for your operations.

SERVICES

AS-BUILTS

A record of what is currently in the facility and a record of changes completed during renovations

CONDITION ASSESSMENTS

Analysis of a facility's condition that prioritizes deficiencies and provides a budget estimate

DRONE SURVEYING

SITE SELECTION

CONCEPTUAL PLANNING

ENERGY & SUSTAINABILITY CONSULTING

EQUIPMENT SELECTION

FEASIBILITY STUDIES

VALUE DRIVEN

With multiple disciplines in house, our agile project teams respond to client requests quickly and competitively leading to increased client value.

CLIENT FOCUSED

Our company growth is due to an unwavering commitment to client satisfaction. Our passion along with our dedication to consistent, open and honest communication is the hallmark of our success.



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CONSULT. DESIGN. BUILD. OPERATE



OUTSIDE'S BEST PLACES TO WORK 6 TIMES





