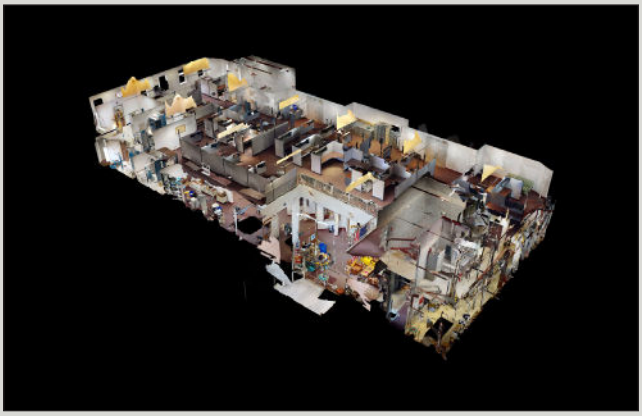
GOLDENWOLF

DIGITAL TWIN

GoldenWolf is leveraging LiDAR technology to create a digital twin of facilities for use in a variety of applications. A digital twin is a valuable tool that offers a wide range of capabilities to optimize facility operations. It can be used to help with planning capital projects and improvements, run preventive maintenance routines, digitally tag and track equipment, warranties, and O&M data, and provide design and construction firms with accurate facility models and backgrounds for future renovations.

- Service-Disabled Veteran-Owned Small Business (SDVOSB)
- Woman-Owned Small Business (WOSB)
- ISO 9001:2015 Certified

ABOUT LiDAR



Light Detection and Ranging (LiDAR) is a remote sensing method. LiDAR technology uses the light from a laser to collect measurements to create a real-time 3D map or 'point cloud'. The purpose of the point cloud is to create a 3D model. These models can be used for remote facility condition assessments, equipment life-cycle modeling, and energy modeling and can be utilized as a facility management tool in complex decision-making scenarios. These models are especially useful in visually documenting and verifying facility features such as the magnitude of equipment deterioration, fire and life safety concerns, space utilization and management, and project progress. The scan data can also be used to precisely measure architectural features, provide input into Facility Condition Assessments, and provide a remote platform for project planning criteria.

WHY GOLDENWOLF?

GoldenWolf has the subject matter experts (SMEs), technology, and bandwidth to help our clients reach their mission goals. Our engineers have been rigorously trained and understand the value of creating digital twins of facilities. Therefore, we have partnered with an industry leader in LiDAR-based technology to accurately transform your facility into a digital twin.

This value can be transferred to our clients in the remarkably more efficient creation of computer-aided design (CAD) drawings, reduction of personnel time-on-site, and visual information availability from any geographic location. From creating as-builts in a fraction of the time to providing full virtual walkthroughs, GoldenWolf prides itself on adopting cutting-edge technology to offer our clients the best-in-class service.

The GoldenWolf team works closely with your organization to determine the best application for 3D laser-scanning technology. Whether the technology is used to monitor and augment construction progress, as a facility management tool, or as a remote visualization facilitator, GoldenWolf carries the expertise to bring the full capabilities of LiDAR technology to your organization professionally and efficiently.

APPLYING DIGITAL TWIN TO YOUR ORGANIZATION

The GoldenWolf team works closely with your organization to determine the best application for laser scanning technology. Whether the technology is used to monitor and augment construction progress, as a facility management tool, or a remote visualization facilitator, GoldenWolf carries the expertise to bring the full capabilities of LiDAR and 3D Imaging to your organization in a professional and efficient manner.

We strive to best couple each organization's mission goals with the most cost-effective laser scanning applications in a manner that recognizes the strategic advantage that LiDAR technology creates.

LINES OF SERVICE

As-Built Development

Construction Management Services

Project Planning

BIM Modeling

AutoCAD Drafting

Facility Condition Assessments

Drone Capture Technology

CLIENT PORTFOLIO

The GoldenWolf team has supported many federal clients, especially in the healthcare industry, to predict budget issues, identify risk, and provide tools to justify various strategic planning needs.

Through a cooperative partnership with National Atmospheric & Oceanic Administration (NOAA), GoldenWolf will leverage the 3D capture ability of smartphones and specialized 360 cameras to assess specialized NOAA equipment in remote locations. 3D captures will be utilized to accurately populate the BUILDER SMS platform with pertinent asset and condition information.

This unique application of 3D technology will benefit our NOAA partners by reducing unnecessary travel costs, expediting field to platform capture, and assisting with the quality control review process assuring accurate and consistent data collection.

CONTACT US

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