WHAT IS LiDAR?

LiDAR is the newest cutting edge technology which uses a light in the form of a firing laser to accurately calculate distances by measuring the time it takes for the laser to reach the object and back. This data can be used to create 3d models and maps where vegetation, people, etc. can be removed, leaving a model exposing only the needed information for a specific project.

Our LiDAR models can be used as an updated blueprint or as-built of any site, which is beneficial in the need for planning, measuring, and gathering important information.

Need a pair of eyes in the sky? We can deliver a solution with the use of drones and specialized equipment including thermal & zoom cameras to any challenge you have. We are FAA certified drone pilots, providing services for inspections, surveys, public safety & Security.

CONTACT US

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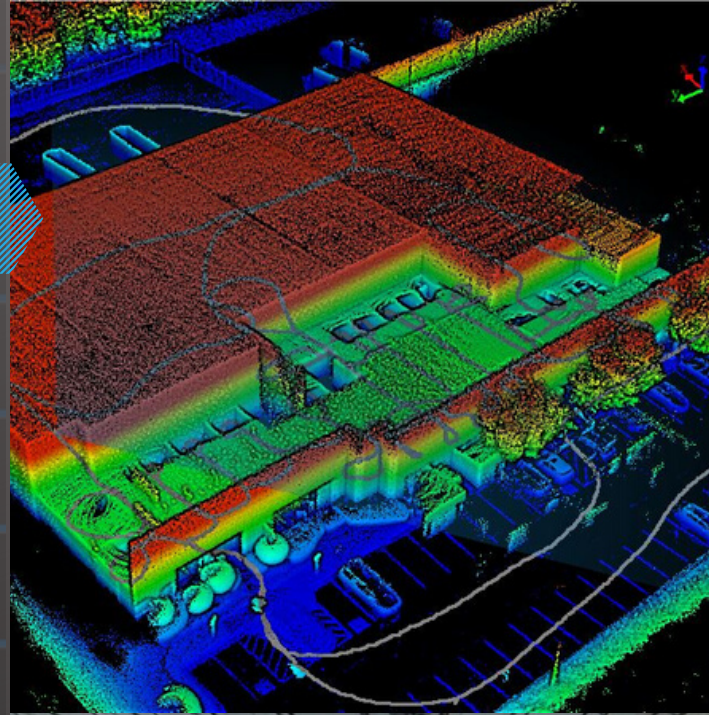**SCANNING DIVISION**

LiDAR Scanning Solution

Providing a quick and accurate 3D laser model of any site

WHAT WE DO

With the use of cutting edge LiDAR technology, we are able to create an extremely accurate 3D laser model of any site of interest. We are able to produce an exact, accurate complete model of a large structure in a short amount of time with 2-5 centimeter accuracy.

A NEED FOR LiDAR

Our nation is facing a great disadvantage with a lack of specific, detailed information provided for buildings and other critical infrastructures in emergency situations, fire investigations, or simply a lack of updated blueprints for sites of interest.

We are addressing this problem by using top of the line LiDAR technology & high definition RGB cameras to create an extremely accurate 3D laser model of any site of interest. This can be used by public safety, emergency management personnel, archaeologists, or anybody that has a need to document the data of any site to aid in any critical emergencies, preserve history or extract updated, accurate blueprints.

Our mission is to provide LiDAR solutions to address the problem of a lack of information of sites in routine & emergency situations, or simply to document data for those who need it.