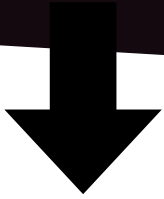


3D LASER SCANNING

CAPTURE TECHNOLOGY AND RESOURCES



Technology advances at a very rapid pace. We endeavor to shape our services to fit our clients' needs while integrating the fast-paced development of software and work processes. We learn by teaching. We speak at national conferences and conventions. We are approved AIA Continuing Education System (CES) Providers educating others in the industry on the integration of this technology into existing project workflows.

WEB

Field walks can now be performed virtually from the comfort of your chair. A scan or photography session is published in a user-friendly, interactive web-based environment that allows you to pan 360° around your project. Sites are developed and published on the very latest in GIS based web application technologies creating a very user friendly and very useful site. Sites can easily be upgraded to include site and facility information support lifecycle tasks. Visit the TruView Portal to learn more.

TECHNOLOGY

SCANNING. We have in-house Leica Geosystem's P-40 scanners and supplement them with the best tool to fit your project's needs. When choosing the appropriate scanner and scanner platform for a project, we consider overall scale and composition of the areas to be captured together with the requirements of deliverables. Outdoor, Indoor, fixed, mobile, or hand-held are all tools or combination of tools in the available toolkit.

Point Cloud information is stored in large data files and is made available, either directly or through third party software plug-ins, to a multitude of software platforms including Revit, AutoCAD, Microstation, Navisworks, ReCap, 3ds Max, Sketchup, Project Wise, Navigator and many others. Contact us for your software's specific requirements.

REVIT. An industry leading tool for Building Information Modeling process, Revit 2012 (and newer versions), directly supports use of full resolution point clouds that show the true and accurate existing conditions in all your views, sections and elevations. Together with ReCap, users are able to best leverage the high level of detail within point clouds.

GIS. Geographic Information Systems (GIS) are leveraged to share and manage spatial information captured by 3D laser scanning and other reality capture methods. GIS platforms become ideal for sharing facility information across the web or organizational intranet. The platforms are easily scaled to meet your needs from simple Google Earth Index Maps to Enterprise class GIS facility management systems designed for asset inventory, change management, content and records management, and facility maintenance tasks. The platforms may be, integrated within existing information systems.

RICK is part of the ESRI Business Partner Network.

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RESOURCES

RICK participates in industry associations in various ways allowing for continuous improvement in delivering the best solutions to our clients.

Founded in 2003, SPAR Point Group investigates and reports on 3D scanning, imaging and position capture technologies used to improve the productivity, quality, safety and risk profile of engineering, fabrication, construction and manufacturing operations. The company was purchased by Diversified Communications in late 2009 and is rapidly expanding news and research operations.

The Laser Scanning Forum was created in 2007 to help promote the Terrestrial Laser Scanning community and to evolve the technology. The website is growing daily with thousands of professional registered members from all over the World. We are keen to promote the forum as a knowledge base for everyone.

BIMFoum is a great collaboration between the Associated General Contractors of America (AGC) and the American Institute of Architects (AIA). "The BIMForum's mission is to facilitate and accelerate the adoption of building information modeling (BIM) in the AEC industry. We lead by example and synchronize with counterparts in all sectors of the industry to jointly develop best practice for virtual design and construction (VDC). We will share our experiences and execute our goals via online forums, highly useful deliverables and practical industry conferences. We will revolutionize the building industry.

"The buildingSMART alliance™ is a unique organization helping to make the North American real property industry more efficient by leading the creation of tools and standards that allow projects to be built electronically before they are built physically, using Building Information Modeling."

"The U.S. Institute of Building Documentation (USIBD) is a non-profit organization dedicated to furthering excellence of building documentation by promoting, educating, guiding and supporting stakeholders with an interest in the built environment in a way that cultivates a culture of networking and information sharing."

Hexagon is aspiring to shape, change and lead the effort to meet the growing needs of our world and is the parent company for Leica Geosystems.

ESRI Solutions - "GIS integrates with the top facilities management software and consulting firms, making it easier than ever to extend the life of your FM data. GIS can be used throughout the lifecycle of a facility-from deciding where to build to space planning."