IMAGINiT TECHNOLOGIES   **Leica** Geosystems

Reality Capture Services

Civil engineering, architecture, and manufacturing firms use reality capture technologies to capture existing conditions and store them digitally to:

- Create accurate building information models faster than ever before
- Reduce or even eliminate costly return site visits
- Gather the relevant information without disrupting those using the structure

When firms lack the resources to launch or expand their use of reality capture technologies, such as 3D laser scanning, mobile and aerial LiDAR, and photogrammetry, they can turn to IMAGINiT.

Comprehensive Reality Capture Services

Whether your organization is new to reality capture or experienced, you can trust IMAGINiT to help select the right technology for your needs, and ensure that you get the most out of it, whether used by internal staff or external vendors.

1. **Proof of Concept Services – Using Your Company's Project**

   Our experts will work with your team on one of your projects, explaining the use and benefits of reality capture—whether that means using a high-definition Leica Geosystems scanner or aerial photogrammetry. We will also cover the workflows needed for deliverables and can help you develop questions for potential vendors.

Olsson Associates Turns to IMAGINiT for HDS Training

Olsson Associates is an engineering and design solutions firm that works on public and private infrastructure projects. When rapid growth made it clear that they needed to build HDS competencies, they turned to IMAGINiT.

The firm rented equipment and licenses from IMAGINiT and engaged IMAGINiT to conduct training in the field on an active, public utility project. "Scanning an actual client site was fantastic. We were learning and at the same time creating a billable deliverable," said Steve Van Voltenberg, Survey Practice Group Leader, Olsson Associates.

Following the site scanning, IMAGINiT's experts spent three days at the Olsson Associates office providing demonstrations of the software tailored to the project.

After this introduction to reality capture technologies, Olsson Associates purchased their own scanner, opening new lines of business and making the company more attractive to tech-savvy talent.

Solutions Beyond Software
IMAGINiT Technologies, a division of Rand Worldwide, helps architects and engineers become more proficient in the use of 3D technologies to design, develop and manage complex engineering projects faster and more cost-effectively.

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2. **Customized Training**

   IMAGINiT offers custom training for new and seasoned reality capture users:

   - **High Definition Scanning Fundamentals –** Learn to use the Leica Geosystems HDS product suite; includes post-processing activities

   - **Autodesk ReCap Fundamentals –** Gain a workflow-based understanding of ReCap and learn to create a deliverable that meets your industry's needs

   - **Field Practices for HDS –** Learn about Leica ScanStation field practices and capabilities

   - **Process-Based and Workflow –** Increase your workflow-based understanding of the Leica product suite and learn how to generate a deliverable

3. **Tailored Strategic Business Planning and Project Assistance**

   We'll provide the assistance you need. Here are just two examples:

   - **Specification Oversight –** Learn how to specify laser scanning needs and evaluate outside vendors

   - **Project Assistance –** Supplement your project team with our experts

Why Choose IMAGINiT?

IMAGINiT is one of few organizations that understands not only how to use reality capture hardware and software, but also how the data will be used downstream. Our experience in multiple industries ensures that our services will meet your organization's unique requirements.