Vestal Corporation Gets up to Speed on Leica RTC360 with Remote Training

Engineering, architecture, and construction consulting firm **Vestal Corporation** (Vestal) offers integrated project delivery services throughout North America. Its in-house team of 135 architects and engineers work together to move projects forward quickly and accurately by understanding each customers' business, identifying their needs, and delivering value that exceeds expectations. They use the latest technological design tools and possess vast knowledge about the design of food and beverage, industrial, commercial, government, and institutional structures.

A Market Leader in the use of 3D Laser Scanning

Vestal is a proud market leader in the use of leading-edge 3D and building information modeling tools, including 3D laser scanners.

"For years, Vestal has conducted laser scanning, as-built verifications, and Revit model coordination/clash detection," said James Huang, IT/Advanced Applications Director, Vestal. "We also use drones for site survey and construction phasing monitoring."

Upgrading to the Leica RTC360 Laser Scanner

"We have used Leica laser scanners for some time," said James. "We kept current on technology advancements through regular meetings with our Account Manager at IMAGINiT. When advancements reached the point that upgrading would enable us to provide faster and more accurate scanning services, we decided to purchase the Leica RTC360 3D scanner."

The Leica RTC360 laser scanner combines a high-performance laser scanner with the powerful Leica Cyclone Field 360 mobile app. With it, users can capture and pre-register scan data in the field and verify all data has been captured correctly before leaving the project site.

To ensure that the Vestal team was knowledgeable on the features and functions of the Leica RTC360, and to utilize best practices and tips, James discussed training with his IMAGINiT Account Manager.

"Our leadership team, architects, and engineers were excited about the new tool and eager to use it to support our customers," said James. "We engaged IMAGINiT to conduct onsite, face-to-face training, to fully understand the capabilities of the hardware and software. The goal of the training was to enable us to deliver outstanding design services and maximize the return on our investment."

IMAGINiT recommended their RTC360 Jumpstart Training, which includes:

- Proper field practices and data collection methodologies
- Efficient data workflow and data management practices
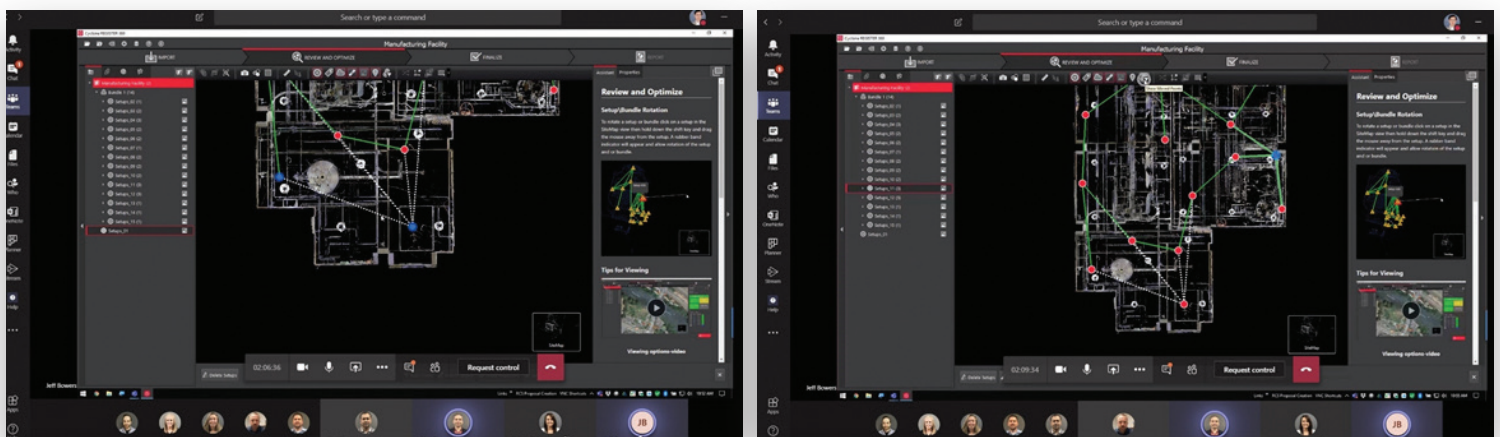- Advanced toolsets to expand and enhance Leica RTC360 use

COVID-19 Hinders Training Efforts

"Unfortunately, COVID-19 hit, and everyone sheltered at home to slow the spread of the disease, so in-person training was off the table," said James. "Fortunately, IMAGINiT came up with a solution."

Online Training Program Developed

To develop an efficient and effective way to train the Vestal employees remotely, the Account Manager met with IMAGINiT's Reality Capture Team. Together, they tested numerous options and identified Microsoft Teams as a platform to run the training virtually.

Using Microsoft Teams, IMAGINiT was able to easily coordinate with Vestal to share content and live demonstrations, collaborate with attendees, and answer all employee questions.

Screen Shots from Vestal's Online RTC360 Training

Staying close to the original schedule, nine Vestal architects and engineers completed IMAGINiT's RTC360 Jumpstart Training.

"The remote training went very smoothly," said James. "Not only did all our employees get the information they needed, we reduced training costs, our company saved a fortune in travel costs, and the time spent away from projects was dramatically reduced."

Vestal's RTC360 Jumpstart was the first training conducted 100 percent online by IMAGINiT. Recognizing the value to Vestal and that companies will continue to work remotely for a while, IMAGINiT now offers several hardware and software training courses online. IMAGINiT is pleased to support its customers with flexible options as they continue to deal with social distancing, travel restrictions, and budget constraints.