



Bluedrop Enhances Collaboration with Autodesk Vault Software

The Company

Headquartered in Nova Scotia, Canada, [Bluedrop Training & Simulation](#) designs, develops, delivers, and supports advanced training solutions, including interactive courseware and virtual and augmented reality training, technical publications, and simulation products. Its designers and engineers bring experience in R&D and innovative solution development to create simulation products that allow trainees to practice mission critical actions in safe, true-to-life environments that respond to land, air, or sea dynamics as well as operator inputs. While the trainees learn about helicopter communications, realistic gunnery, dealing with swinging loads, and more, the agencies that work with Bluedrop enjoy significant cost savings over live training while improving safety, productivity, and efficiency.



The Challenge

Bluedrop's once state-of-the art software configuration management solution was becoming a bit dated. While working on a file, the designer or engineer would follow a process of checking out a file, making the changes, and checking it back in. "Working on the same file greatly reduced the chance of version control issues, which helped keep projects moving along smoothly," said Kaelan Workman, IT Support Specialist, Bluedrop. "But the files were locked while checked out, so only one person could work on them at a time."

"The leadership at Bluedrop encourages innovation, so employees regularly seek out new products, processes, and knowledge to help them or others perform their jobs better, faster, or in a way that could help the company attract more employees and customers," said Kaelan. "Discussions on potential ways to streamline processes led to the idea to explore technology that would build on the strength of the current software configuration management solution by allowing multiple team members to work on the same file at the same time."

The Solution

Based on a recommendation from one of the engineers, Bluedrop reached out to IMAGINiT. "We were immediately connected with an account manager that showed great interest in our company, vision, and ideas," said Kaelan.

After listening and asking questions about the functionality requested by the engineers, the account manager recommended Autodesk Vault data management software, which allows effective collaboration between users. In addition, Bluedrop determined that Vault was the right solution due to its user-friendly interface, which would make it easy for management to set up and maintain user access. They engaged IMAGINiT to:

- Secure the Autodesk Vault licenses
- Implement Autodesk Vault on a system built specifically for the software
- Deploy the software to the design and engineering team

"We were very impressed with the IMAGINiT technical expert who implemented and deployed the software," said Kaelan. "He installed it on a workstation that housed all of our Autodesk applications and spent two days testing everything to ensure it worked as expected before turning it over to us."

The Results

With Autodesk Vault, all Bluedrop's design assets, documents, and data are stored in a single environment that ties in well with all the applications, and the engineers and designers are no longer prevented from working on a file that is being used by someone else.

"The ability for multiple people to work on the same file has proven to be a great benefit for all team members, both onsite and remote," said Kaelan. "It has also streamlined our team calls, as everyone can now jot down their own ideas/changes, instead of one person trying to interpret the ideas and note them correctly. It is saving a tremendous amount of time and greatly reducing the chance of errors."

Working with IMAGINiT has also proven to be invaluable to Bluedrop's management team.

"Our IMAGINiT account manager also helped us learn more about the Autodesk client portal, including how to gain insight into the way individuals use the software. This knowledge helps us make better decisions about licensing, ensuring that people who need access have access and that annual licenses are not underutilized on a user who just needs flex tokens for occasional use," said Kaelan.

He continued, "IMAGINiT is now our contact for all things Autodesk: software licenses, training, support, and general guidance," said Kaelan. "They clearly are interested in our success, and we are looking forward to working with them on more projects, including our upcoming upgrade from Vault 2022 to 2024."

Looking for a team to help you select, implement, and support Autodesk software? [Contact us today.](#)

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.