

SUCCESS STORY:

Accelerating vehicle development

Optimizing design and production with a Teamcenter audit

CLIENT HIGHLIGHT



For more than 30 years, Flyer Defense has been a leader in designing and manufacturing all-terrain wheeled platforms trusted by U.S. special operations forces and global allies.

To strengthen how it manages product data and engineering change, Flyer Defense partnered with Applied CAX for an audit of its Teamcenter environment.

AT A GLANCE



The challenge

- Managing change across complex vehicle systems
- Daunting to optimize advanced tools as a smaller company



The solution

- Teamcenter audit
- Top tier support from Applied CAX experts



The impact

- Single source of truth across design and production
- Better collaboration for future digital tools



The challenge

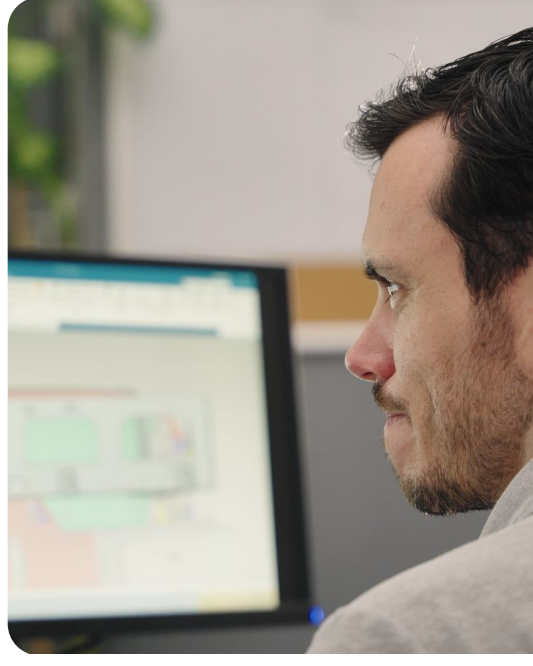
Rising complexity in vehicle systems

As vehicle systems become more advanced, the ability to manage change grows increasingly difficult.

Flyer Defense designs its product line in Siemens NX and manages data in Teamcenter, but as a smaller organization, fully leveraging the capabilities of these tools was a daunting task.

To ensure its PLM environment could keep pace with growing product complexity, Flyer Defense partnered with Applied CAX for a comprehensive Teamcenter audit.

The goals for Flyer Defense's Teamcenter audit was to identify gaps, improve efficiency, and build a scalable foundation for future development.



The solution

Optimizing Teamcenter with Applied CAX

Applied CAX performed a comprehensive audit of Flyer Defense's Teamcenter environment and developed a tailored roadmap grounded in industry best practices.

Applied CAX's guidance had an immediate impact on modeling large assemblies and unlocked advanced NX capabilities. With Applied CAX's support, Flyer Defense was able to realize the full functionality of Teamcenter.

From change management workflows to collaborative markups, this system created a single source of truth for teams across the company.



The impact

Driving continuous improvement

The success of this partnership has positioned Flyer Defense to expand its digital capabilities further.

The company is exploring additional features, including Polarion, Capital, and Check-Mate, to further strengthen its engineering and production processes.

With a stronger digital foundation, Flyer Defense continues to modernize its platforms and ensure its vehicles meets the demands of the world's toughest environments.

- Enabled a single source of truth across the organization, improving visibility and collaboration on design, documentation, and manufacturing processes.
- Improved the ability to model large assemblies and fully leverage NX and Teamcenter capabilities.
- Positioned Flyer Defense for future digital expansion with additional tools and features to further strengthen engineering and production workflows.



Bringing on a partner like Applied that has the knowledge and experience with Teamcenter is an invaluable decision."

TESTIMONIALS

Expertise that unlocks your PLM potential



Nic Frey
Director of Engineering

At Applied CAX, we use Teamcenter, NX, Simcenter Femap, STAR-CCM+, and other Siemens digital engineering tools in our work every day.

Recognized by Siemens as North American Partner of the Year in 2023, 2020, and 2016, we have decades of experience with PLM and NX, and our Femap and CAE experts are renowned for being the best available. Our team is ready to support you, from general digital transformation strategy to specific tactical needs like creating custom post-processors and simulation kits.



It's time to unleash your potential

Contact us and let us know what we can do for you. Visit our website at AppliedCAX.com for more information.