



Success Story

# Quality and Innovation

A smooth upgrade to a Siemens PLM

## CHROMALLOY

Chromalloy is an integrated solutions provider delivering innovative programs to reduce manufacturing and operating expenses for their customers. They are one of the world's largest providers of advanced coatings and authorized repairs and parts for gas turbine engines in the power and aerospace industries, including military and commercial aircraft markets.

Focused on quality and driven by innovation, Chromalloy reliably and economically extends the life of gas turbine engines. Their proprietary LifeX parts and repairs, serviceable materials, and complete engine management solutions require exacting methods to ensure the highest quality and safety for their customers.

Product Lifecycle Management (PLM) solutions are essential for ensuring manufacturers like Chromalloy can meet precise engineering

specifications. In fact, PLM requirements for aerospace engineering are some of the most crucial in the industry.

Firms that provide engineering services for parts, coatings, and other components of gas turbine engines are held to the highest quality standards. Failing to meet those standards can result in the loss of business and certifications.

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### Success at a Glance

- Seamless transition after 6 months
- 80% adoption rate
- Significant decrease in quality escapes

## Challenge

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Upon reviewing the pros and cons of changes in their PLM provider's business offering, Chromalloy decided to upgrade to a PLM solution that would:

- Offer a more robust and intuitive interface
- Improve the adoption rate through ease of use
- Ultimately reduce maintenance fees and licensing costs

Chromalloy called on Maya HTT to evaluate their solution and present cost-effective alternatives to resolve their many existing concerns. One of these was that a high amount of quality escapes was causing products to be non-conforming and resulting in costly warranty claims.

Another was that the current vendor was asking Chromalloy to lock into a three-year agreement under a new pricing model and requiring them to implement the new system update within six months.

## Solution

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After consulting with Chromalloy's engineering organization, Maya HTT recommended a solution that would:

- Provide an intuitive interface
- Work well with the existing technology
- Ultimately increase adoption of the program

The transition to a new PLM solution would require a critical data-migration phase. Chromalloy's massive amount of data and specifications would need to be addressed quickly and thoroughly with an extensive and challenging data migration process.

Maya HTT proposed a Siemens PLM because it provided all the required features and benefits. The Siemens PLM would reliably manage product data and process-related information for Chromalloy's manufacturing and other industry activities, and would provide a solid foundation for operations.



# Results

Six months after Chromalloy contracted with Maya HTT, the old system was shut down and the engineering team seamlessly transitioned to the Siemens PLM without missing a beat.

The software proved to be immediately more user-friendly and more intuitive for the engineering team. Within weeks of implementation, the adoption rate among engineers increased to 80%. Most importantly, Chromalloy achieved a significant decrease in the quality escapes within the first six months after deployment.



**“ The Maya HTT consultants were extremely knowledgeable. More importantly, however, they viewed the project as a shared goal. Due to the collaboration between our teams, they were able to deliver the project in six months as opposed to one year, which would be a normal turnaround. ”**

Brian Clark

Global Business Systems Manager,  
Chromalloy

## About Maya HTT

- Industry leading software developer and provider of engineering services in CAE, Product Lifecycle Management (PLM) and Datacenter Infrastructure Management (DCIM)
- Extensive experience in design, analysis, systems integration and deployment
- Specializing in mechatronics, thermal, fluid and structural analysis, and composites
- Technological partner, software editor, and provider of Siemens CAD/CAE/PLM solutions for more than 30 years
- Worldwide customer technical specialist support

