



Aerospace Suppliers Collaboration from IBM

Innovate your aerospace suppliers business methods

As an aerospace suppliers company are you able to collaborate, innovate and create new products without sacrificing revenue? Taking control of business processes as well as the resulting data and intellectual capital is vital to maximizing aerospace suppliers efficiency improvements. This can help boost customer satisfaction to grow your company's margins and market position.

Extend control over data and processes

The aerospace suppliers collaboration solution from IBM can enable aerospace suppliers to work more efficiently and responsively—enhancing their competitive ability while optimizing collaboration and compliance. By achieving improvements in the effectiveness of engineers' time, and by bringing product information and configuration under control, aerospace suppliers can significantly reduce risk and waste. The solution manages data in the context of an aircraft program structure, internal communication, traceability of information and control of key engineering processes. It also manages and automates the release of maturing product data across the enterprise and supply chain and can help aerospace suppliers comply with aerospace processes and industry standards. Easy to install and configure, the solution can help deliver a rapid return on investment.



Deliver innovative products to market faster

The aerospace suppliers collaboration solution from IBM provides a mechanism to create and manage a company's product-related intellectual capital, from conception through retirement. Our solution can help aerospace suppliers:

- Improve efficiency of product development processes and a company's capacity to use information.
- Demonstrate control of key aerospace processes and can be used to demonstrate compliance to customer process requirements.

- Access the correct information more efficiently which, in turn, facilitates better business decisions and delivers greater value to customers.
- Allow collaboration across organizational and geographical boundaries providing the information necessary to expand market share rapidly.
- Provide a significant reduction in implementation time and time to productivity through delivery of a preconfigured Product Data Management solution.
- Minimize costly design errors by improving collaboration and decision making through timely access to the right information.



Enhance day-to-day aerospace suppliers productivity

The aerospace suppliers collaboration solution from IBM streamlines and automates key business processes to help reduce employee effort in searching for and controlling data. The solution uses workflow mechanisms to pass information through the enterprise, providing downstream users of that data with an understanding of its current status.

Thought leadership and technology innovation

Our aerospace suppliers collaboration solution leverages two decades of experience, advanced technology and intellectual capital. IBM industry solutions can help you improve your innovation and operational efficiency, enabling you to grow profitably. Our experience is built upon 20,000 successful product lifecycle management solution implementations.

- PLM solutions from IBM have become the industry standard for Aerospace OEMs, partners and suppliers.
- We have over 150,000 services professionals in 160 countries, with over 1,000 professionals dedicated to PLM.

Optimize aerospace suppliers productivity

The aerospace suppliers collaboration solution from IBM combines software and services with PLM practices to enable the integration of your product information. By sharing this information across business functions and partners throughout the product's lifecycle, collaborative efforts are streamlined and optimized.

- Allows aerospace suppliers to structure, document, track and automate the who, what, where, why and how of carrying out a work package.
- Produces quick payback through efficient implementation, pre-defined process templates and PLM Practice methodologies.
- Optimizes design and manufacturing processes by capturing process knowledge and facilitating its easy access and reuse.
- Provides aerospace suppliers with preconfigured processes within EnoviaSmarTeam that allow the control of errors and changes throughout the extended enterprise.
- Enables aerospace suppliers to manage work packages by providing methods for automating data transfer, recapture and reconciliation with customers and aerospace suppliers alike.
- Optimizes design and manufacturing success through auditable processes that standardize and automate workflow.
- Facilitates compliance with customer processes as well as industry quality standards.

Automated and streamlined

Magellan Aerospace Corporation is a leading global suppliers of technologically advanced aerospace systems and components and an early adopter of the aerospace suppliers collaboration solution from IBM. By implementing the solution, Magellan was able to achieve a 30-35 percent improvement in effectiveness of engineers' time. By bringing their product information and configuration under control, they significantly reduced risk and waste and created opportunities for later incorporation of design maturity. Time savings are channeled into real value adding activity—ultimately increasing their profitability and providing greater value to their customers.

Lay the groundwork for future successes

The aerospace suppliers collaboration solution from IBM can help bring rapid payback through efficient implementation, process templates and PLM practices. It can also help:

- Reduce implementation time and time to productivity.
- Minimize costly design errors by improving collaboration and decision making through timely access to the right information at the right place.

A strategic product lifecycle management platform

The aerospace suppliers collaboration solution from IBM helps control product complexity while managing increased innovation and demonstrating compliance with customer processes. Decisions about change and work packages are managed. Multiple legacy systems and customer PDM systems can be integrated.

Setting the standard for aerospace suppliers

The aerospace suppliers collaboration solution from IBM delivers a preconfigured Enovia SmarTeam environment, supported by PLM Practices specifically developed for the aerospace industry that:

- Streamlines and automates a number of key business processes.
- Provides version and revision control of documents, enabling management of your projects documents.
- Can include IBM integrated hardware and middleware, allowing your legacy systems to link with other platforms—including business partners' and customers' systems.
- Is supported by an efficient services engagement beginning with an introduction to possible improvement areas, followed by an assessment to target and prioritize improvement areas, and ending with a mutually agreeable deployment roadmap.

Proven approach with world class components

The aerospace suppliers collaboration solution from IBM provides a proven, stable, collaborative environment enabling critical business decisions to be made more quickly and accurately. The solution components for internal collaboration are the following.

- Enovia SmarTeam products, developed by Dassault Systèmes, for task management and execution through the enterprise, including database, data model, profiles and forms—specifically to support the aerospace product development process.
- Integration with CATIA V5—for digital product definition and simulation as well as for collaborative product development.
- Repeatable, business processes templates developed by IBM through experience working with clients in the aerospace industry and aligned to working practices in the aerospace supply chain.
- Implementation and deployment methodologies.

Launch a successful solution

Magellan Aerospace Corporation is a leading global suppliers of technologically advanced aerospace systems and components and an early adopter of

the aerospace suppliers collaboration solution from IBM. The solution manages data in the context of an aircraft program structure, internal communication, traceability of information and control of key engineering processes—engineering and manufacturing change, distribution of work tasks, preliminary data release, configuration management and document management. It also manages and automates the release of maturing product data across the enterprise and supply chain. Easy to install and configure, Magellan has realized a significant reduction in product development cycle times and gained greater control over data and process.

Protect your investment

The aerospace suppliers collaboration solution from IBM can help maximize the potential of your technology investment. Our solution is designed to:

- Optimize and automate processes while integrating data management with the extended enterprise.
- Reduce the need for customization services through a predefined environment that, in turn, leads to a more rapid deployment and reduced time to productivity.
- Develop cost-effective products while managing final as well as “what-if” based designs.

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Armonk, NY 10504
U.S.A.

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