



**3DEXPERIENCE™**

## AEROSPACE & DEFENSE **ENGINEERED TO FLY**

Competitive advantage from enhanced productivity



### **HOW DO SUPPLIERS INCREASE EFFICIENCY FROM BID TO DELIVERY?**

Today's aerospace and defense supply chains require greater agility and increased performance. Achieving ramp-up to meet high production rates requires innovative leadership. Small and medium-sized companies must find a way to efficiently put data, information, and industry knowledge to work to deliver profitable growth.

Driven and controlled execution, operational efficiency, and digital continuity across disciplines offers a lean, efficient way to deliver on target. Dassault Systèmes *Engineered to Fly* Industry Solution Experience helps companies integrate their engineering processes from the proposal phase downstream through engineering, manufacturing, and all the way to delivery.

## Win More Business

Improve operational efficiency and proposal development by using a single platform to help increase collaboration across teams and pro-actively manage the time-constrained bidding process. *Engineered to Fly* Industry Solution Experience enables end-to-end knowledge capture throughout the proposal process to help ensure repeatability and reusability.

Accurate, real-time costing data is available to all team members supporting new business acquisition. Proposal team members can reuse templates and company intellectual property (IP) from existing projects. Simulations can help improve selected designs for performance and manufacturing. Developing designs working with downstream functions can help companies better meet customer requirements. And, because *Engineered to Fly* maintains full customer requirements and decision traceability, time that used to be focused on proposal activities is now freed for product innovation. Companies using *Engineered to Fly* help reduce risk because higher fidelity proposals can better meet specifications, and they enjoy the confidence that they can successfully deliver the program as promised.

## Enhance Performance

Lean practices, such as reducing handoffs across teams, reusing standard rules and templates, and improving change management contribute to enhance operational efficiency. Digital continuity from the concept phase through to manufacturing removes silos so engineering teams refer to a common reference. Companies have the ability to use this single source definition to achieve early design optimization and increase collaboration across disciplines improving quality and time to market.

Digital continuity changes the game for companies which design or manufacture aerospace parts and systems such as machined components, composites, sheet metal, mold and tooling, electrical and hydraulic systems and more. Driving processes in a connected way allows suppliers to deliver on time, on budget, on target.

## Improve Program Delivery

Delivering to commitments requires centralized management of all program data, key processes, and related technology. All



of a project's interrelated functions must be managed as a cohesive whole to reach delivery-to-contract and profit.

Suppliers of component and small equipment alike have the ability to improve project execution through a driven and controlled approach, including real-time status of proposals and projects; fully secure data and other IP; and full traceability for certification authorities and original equipment manufacturer (OEM) customers.

Powered by the **3DEXPERIENCE**® platform, *Engineered to Fly* helps eliminate silos and make real-time collaboration possible. With an instant view of key performance indicators (KPIs) and full traceability to deliverables, suppliers are able to govern projects to meet customer specifications while managing continuous change. Complete traceability helps simplify change management with automatic tracking of the full documentation and history of part modifications. Driven and controlled execution offers companies the ability to meet targets by managing valuable company data securely and collaborate with multiple customers across multiple projects.

### IMPROVE OVERALL EFFICIENCY

Digital continuity enables improvements for up to

**30% Error Reduction**

**40% Productivity Boost**

**40% Process Changes Requested**

## Our **3DEXPERIENCE**® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the **3DEXPERIENCE**® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 170,000 customers of all sizes in all industries in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).



**3DEXPERIENCE**