

PRODUCTION & CERTIFICATION

AEROSPACE & DEFENSE



Control Global Mission-Critical Operations in Real Time

DELMIA's Production and Certification solution for the Aerospace & Defense Industry enables companies to increase productivity while navigating changing manufacturing conditions.

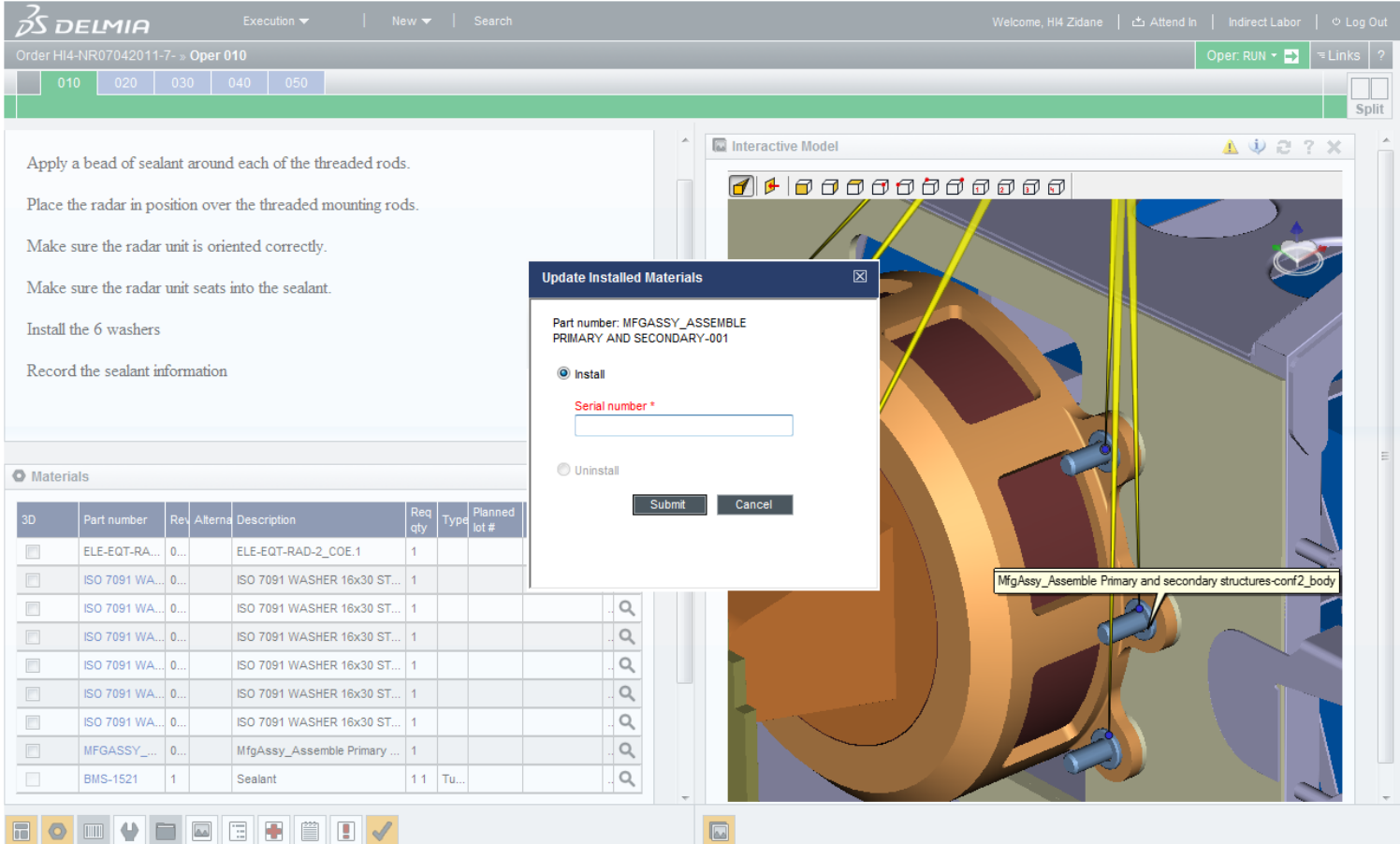
DELMIA's Aerospace & Defense Production and Certification solution is an industry-proven approach which facilitates the digital continuity between design and manufacturing, providing real-time status for management on production issues, and 100% traceability of all product-related events.

Manufacturing and engineering can see, in real-time, product or process information – wherever it is in the manufacturing process. A 3D dashboard representing the shop floor with location and status of non-conformance, run time, schedule adherence and change order information can be viewed, easily understood and acted upon quickly.



Control the resources that are assigned to process execution tasks.





Generate a 3D shop order for any given configuration of the product being built.

INDUSTRY CHALLENGES

- How to accelerate quality and engineering change resolution?
- How to increase productivity and react to changing manufacturing conditions?
- How to reduce the risk of delivery delay or extra man hours?
- How to control global manufacturing operations in a lean and integrated way?

SOLUTION HIGHLIGHTS

- Digitize the shop floor to review current production status
- Real-time status on production issues
- Easy-to-use execution and 3D work instructions interface for workers
- 100% traceability of all product-related events
- Collaborative disposition workflow between shop floor, supplier network and engineers

SOLUTION VALUES

- Solve unexpected quality issues
- Reduce manufacturing cycle times
- Increase production capacity
- Reduce cost of work-in-process inventory
- Capitalize intellectual property and manufacturing know-how

USERS

- Quality Specialists
- Manufacturing Process Engineers
- Production Managers
- Production Workers



Delivering Best-in-Class Products



Virtual Products



Model and Simulate our Planet



3D Design



Information Intelligence



Realistic Simulation



Dashboard Intelligence



Digital Manufacturing and Production



Social Innovation



Collaborative Innovation



3D Communication

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