



# CATIA PLM Express

## CATIA - Collaborative Product Review

**Boost engineering collaboration and review directly in the 3D design environment**

With upgrade cycles measured in months instead of years, manufacturers need to be able to review and analyze the 3D product design quickly and often. Incorporate innovations and resolve design issues is critical to being first to market with the best possible product.

### Overview

With CATIA - Product Review, designers and engineers can validate designs earlier, reducing errors and improving product quality. It also provides them with efficient way to organize design review meetings as well as store and share review information with other project stakeholders.

### Customer Benefits

- Accelerates the upfront detection and resolution of design issues
- Fosters collaboration with 3D as a common language
- Accelerates decision making on product changes and alternative design studies
- Improved decision making through 3D presentations and instant collaborative tools

## Key Capabilities

### Increase upfront validation and accelerate time to market

CATIA - Collaborative Product Review provides visualization and analysis and simulation of mock-ups. It boosts upfront design assessment enabling more verifications earlier, in less time, increasing design quality while reducing time to market.

### Increase agility to create and validate design alternatives

CATIA - Collaborative Product Review fosters 'what-if?' scenarios, through integrated interference detection and management. V5 provides the 3D interactive capabilities to quickly check, analyze and ensure the spatial integrity of the mock-up, then share the results with design and review teams across the value chain. Identifying clashes is an extremely important activity throughout the design cycle. Resolving clashes on the manufacturing floor can cost hundreds of times what it costs to resolve them during the design phase.

### Enhance communication and collaboration

CATIA - Collaborative Product Review links virtual workgroups and communities by enabling the real-time sharing of 3D product information. Robust, built-in communication and review capabilities help avoid misunderstandings, reinforce teaming and stimulate innovation.



Screen capture of CATIA - Collaborative Product Review

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