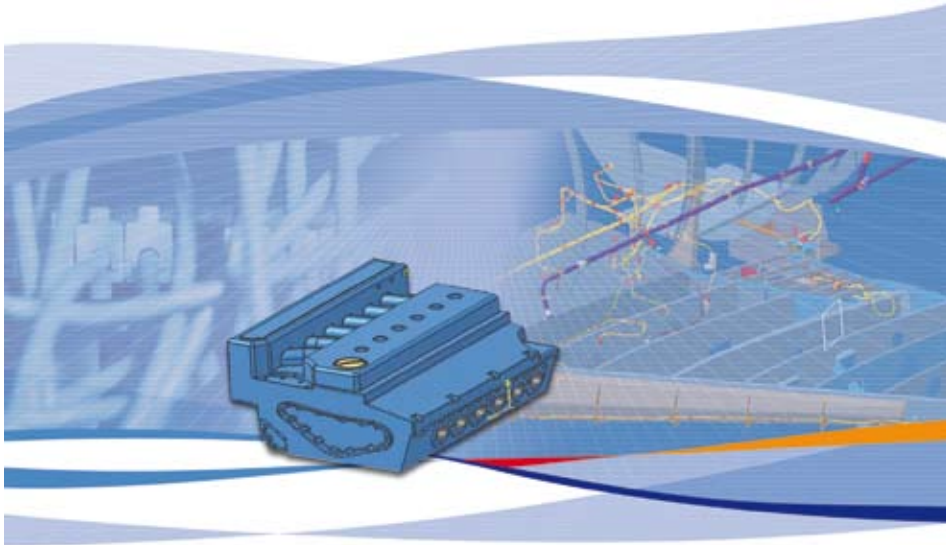


## Electrical and Tubing Design Checker

*When will you know your design is accurate?*



***A one-time installation that can help you reduce cycle time spent in the Electrical and Tubing development Process***

When it comes to designing an electrical or tubing system, it can be a challenge to get it right. Lack of data integrity and inconsistent knowledge share between resources are just a few of the problems that impact design accuracy. Quick design fault detection is critical to reducing costly rework, establishing and maintaining corporate standards, and preventing problems at the manufacturing stage.

The Electrical and Tubing Design Checker is a simple, low-cost solution that helps you convert to an automated process, facilitate sharing, protect corporate knowledge, ensure OEM standards are respected and instill design accuracy.

The Electrical and Tubing Design Checker empowers you to quickly increase design accuracy, capitalize corporate knowledge, and improve process efficiency.

- *Capture corporate engineering knowledge as embedded specifications, improving consistency*
- *Easily define and share know-how among all users*
- *Automate product definition and enhance quality*
- *Ensure compliance with corporate standards*
- *Increase productivity*
- *Detect faults instantly and automatically*
- *Reduce and prevent manufacturing issues downstream*
- *Decrease re-work and design correction*
- *Facilitate communication and decisions between multiple resources*

The Electrical and Tubing Design Checker is a free-standing tool that requires a one-time installation. It is CATIA Knowledgeware integrated and provides standard Knowledge Expert workbenches.

Additional features include:

- *A graphical user interface to make creation and selection easy*
- *Automatic creation of checks in CATIA V5*
- *A set of built-in Electrical Design and Tubing Design checks*
- *Quick launch via Icon*
- *Parametric inputs*
- *Standard report tool*
- *Extendable capability (add/modify/improve checks) by modifying the macro*
- *Highlights failed components*
- *Access to any feature available in Knowledge Expert workbench*

## ***Reduce rework late in the design stage when changes are more costly***

The Electrical and Tubing Design Checker can be installed on any Windows operating system and is designed for CATIA V5 R17 level and above. It also works in lower levels with some limitations (for example, some checks will not be resolved). Requirements include a basic configuration license for CATIA V5, electrical workbenches licenses (at least EHI) and a Knowledge Expert license (KWE) to create the checks.

### **For more information**

Call 1-800-395-3339 or  
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