

Does your CATIA V5 data meet the standard?



Powerful-Interoperable-Flexible

PrescientQA for CATIA V5 is built on the award-winning Prescient architecture and includes such capabilities as model stamping, quality metrics, advanced reporting, and flexible and powerful standards configuration.

Bringing full interoperability to the design environment PrescientQA will overlay onto existing methods, procedures, and best modelling practices so that companies don't have to adapt their processes around the tool itself.

A New Level of Quality Control in CATIA V5

The PrescientQA Software Suite is a modular solution that detects, assesses, corrects and can even prevent product development problems caused by modeling practices that are either inaccurate, incomplete, or inconsistent.

Companies have discovered that identifying problems early in the design process substantially reduces product development cycle time, rework and cost. PrescientQA now brings this same functionality to the CATIA V5 design environment.

A Proven Track Record With Prescient® Technology.

Modelling practices that are incomplete, inaccurate or inconsistent, typically account for 45% of change orders in an organisation.

PrescientQA addresses these challenges and helps companies to:

- › identify problems early in the design process, which substantially reduces product development cycle time, rework and cost
- › ensure consistency and conformance to the company's standards and best practices
- › enhance data interoperability throughout downstream applications and the manufacturing supply chain
- › ensure "clean" legacy design data
- › enable high-level management overview of data including distribution of quality and financial impact

prescientQA™

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prescientQA™
For CATIA V5

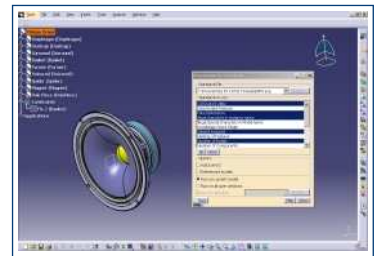
PrescientQA For Catia V5

PrescientQA for CATIA V5 combines the functionality of the core DesignQA and GeometryQA modules under a single user friendly and intuitive interface.

Designed to be a fully integrated application running within the CATIA V5 environment PrescientQA brings the powerful functionality and benefits of integrated CAD data quality within easy reach of today's engineering designers.

Working seamlessly inside CATIA V5 the user can choose from interactive functionality, automatic repair and integrated standards management for rapid data analysis and correction.

Available with both batch and interactive engines, PrescientQA has the powerful Standards Configurator module that enables any one of the standards files to be modified to fit individual company standards with minimal effort. Inbuilt flexibility multiplies the capability of out-of-the-box standards, allowing the simplest, or the most complex, configurations to be built.



PrescientQA Product Features

- ▶ Integrated Knowledge Expert Checks for CATPart, CATAssembly and CATDraw
- ▶ Enhanced error detection and highlighting
- ▶ Interactive error correction from within the CATIA V5 session
- ▶ Local 'off-line' processing for bulk data assessment outside of the design environment
- ▶ Intuitive and interactive model quality reviews while working within the design.
- ▶ Standards file versioning, password protection and quality stamping in support of supply chain management
- ▶ Profile options to allow the administrator to limit user Run Panel options.
- ▶ Fully integrated to the Quality Metrics Database, DriveQA.
- ▶ Extensible modelling standards which can be customised to support diverse requirements.
- ▶ Easily customised hyperlinks to company-specific or online reference and training material.
- ▶ Easy to use application which requires little end-user training.

Default Standards

Each standard type can be tailored to invoke one or many specific design requirements for your organisation. As a result specific company standards can be created quickly and simply to enable company standards to be maintained at will by the system administrator

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OEM standards configurations

PrescientQA can be configured to meet OEM standards for both internal design and external supply chains. Contact your local reseller for a full list of the OEM standards available today.

Benefits

Above all else PrescientQA brings benefit to your design desktop with

- ▶ immediate and constructive feedback on models.
- ▶ improved interoperation of models by downstream users.
- ▶ models that incorporate data requirements of down stream applications.
- ▶ assurance that models can be used by analysis, manufacturing and rapid prototyping systems.
- ▶ the guarantee that models are properly layered for ease of use filtering by others.
- ▶ non-value-added rework eliminated and clean-up tasks removed by applying consistent design techniques.
- ▶ correct syntax and naming conventions applied by all users to all models
- ▶ production delays reduced by ensuring manufacturing requirements are met in the modelling stage not when design intent is set in stone
- ▶ efficient storage by eliminating unused or extraneous constructs, elements and other information.
- ▶ a jump-start for implementing best practices using out-of-the-box standards.



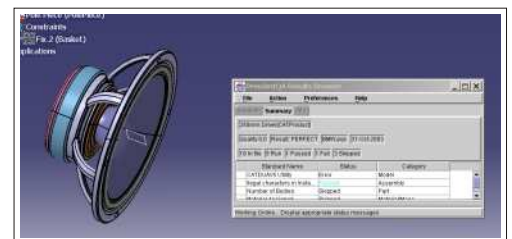
Architecture

As a member of the CAA Adopter, PrescientQA is integrated to CATIA V5 through the CAA architecture bringing the benefits of cutting-edge PLM technologies to the PrescientQA products.

Availability

PrescientQA V5 is available immediately for:

- ▶ CATIA V5, running on Windows, Solaris, AIX & HP-UX
- ▶ Systems Prerequisites: system levels for CATIA V5 apply.



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