

NX Check-Mate/NX Quick Check

Knowledge driven validation – improving the quality and processes of product designs and data through automated checking

fact sheet

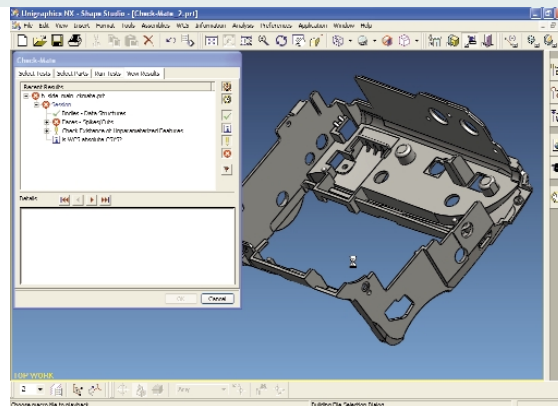
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Summary

Knowledge driven validation is a revolutionary approach to product validation that encompasses the effective capture, management and re-use of knowledge within your company, allowing you to significantly improve your products and processes. Two products based on NX Knowledge Fusion technology, NX Check-Mate and NX Quick Check, provide automated, customizable tools that help companies proactively improve product quality.

Features

- Validation integrated with Unigraphics NX
- Model quality checking
- Assembly checking
- File checking
- Drawing checking
- Extensive library of standard checks
- Authoring capabilities for custom checks
- HTML reporting
- Interactive or batch mode checking
- Supported by Teamcenter® Engineering
- Validation features for mass, distance, size, or expression which can be embedded in the model



Next-generation validation

NX Check-Mate and NX Quick Check simplify the work of design engineers by automatically ensuring that CAD data and product designs adhere to industry, customer, or company standards. With continuous monitoring of designs as they develop, Check-Mate and Quick Check help engineering professionals understand how design changes affect the integrity of the product. With these tools, companies can set up cus-

tomized design checking to ensure manufacturability, or to manage outsourced projects so that they comply with standards and practices of their own companies. The end result is higher-quality products developed more quickly and at lower cost.

Traditional validation tools inadequately address product and process complexities that designers face daily. Check-Mate and Quick Check use the embedded knowledge technology in

Unigraphics® NX to capture standard processes and design methods, and re-use them in automated checks to improve the quality and consistency of decisions. Companies can add, customize, and update checking rules at any stage of product development to expand the company knowledge base and achieve continuous improvement.

Enhancing product data quality with Check-Mate

Unigraphics NX uniquely addresses file, geometry, assembly, and drawing data quality with Check-Mate, which checks CAD files and models for conformance to company, industry, or customer standards. Check-Mate includes tools for creating knowledge-based rules and profiles.

