

PDQ NISSAN PACKAGE

PDQ NP Error Classification

PDQ NP identifies and heals the 15 critical errors identified in the Nissan Quality Guidelines. These lead to improved manufacturability and consistent quality of geometry being provided to Nissan.

- › Tiny Edge
- › Narrow Edge
- › Sharp Edge Angle
- › Inconsistent Edge in Loop
- › Large Edge Face Gap
- › Large Face Gap
- › Large Edge Gap
- › Self-Intersecting Loop
- › Self Intersecting surface
- › Non-Smooth Segments
- › Non-Smooth Patches
- › Tiny Curve or Segment
- › Narrow Surface or Patch
- › Self-Intersecting Curve
- › Embedded Faces

Infrastructure Requirements:

PDQ NP runs in combination with NXi5 m0ptf1(I-DEAS NX MS13) supporting Nissan installations.

PDQ NP is supported on a 32-bit Windows XP platform.



About Elysium

Elysium develops and markets interoperability solutions for the global PLM market with thousands of customers worldwide and millions of files translated. Elysium currently supports data exchange among CATIA V4/V5, I-DEAS, Inventor, One Space Modeler, Pro/ENGINEER, SolidWorks, and UGS NX. Elysium was founded in 1984 in Hamamatsu, Japan, the site of its world headquarters. Its North America headquarters are located in Detroit, Michigan and its newest location is Paris, France, the headquarters for its European operations. With over 95 employees world-wide and a network of partners and distributors, Elysium has become the favored solution of many world-class companies for translating and checking 3D CAD/CAM and CAE models. Please visit our web sites: www.elysiuminc.com and www.elysium.co.jp

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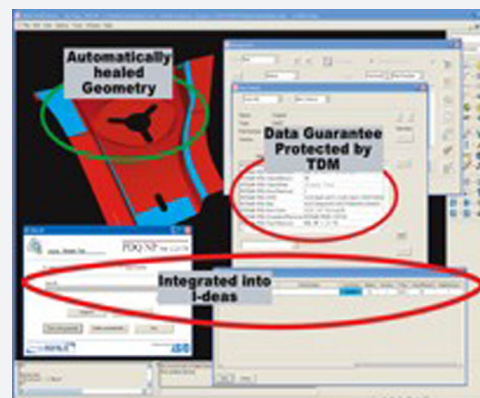
100 Galleria Officentre, Suite 426

Southfield, MI 48034 USA

Tel. +1-248-799-9800 Fax. +1-248-281-0672

Web: www.elysiuminc.com

Email: info@elysiuminc.com





CAD Data Quality Compliance Tool for Nissan and Nissan Suppliers

Elysium Inc. in partnership with Nissan Motor Co., Ltd. and iSiD, Co., Ltd. have developed PDQ NP Full Version and PDQ NP Check Version, 'Product Data Quality Nissan Package', an I-DEAS NX plug-in that provides instant CAD model checking, healing, and certification. As of 2004, Nissan Motor Co., Ltd. Japan has required its subsidiaries and suppliers to provide a PDQ NP certification in order to send/receive CAD model files. As of 2008, NTCNA (Nissan Technical Center North America) will require its subsidiaries and suppliers to provide a PDQ NP certification in order to send/receive CAD Models for all full V3P Programs.

The PDQ NP certification is based on Nissan official CAD Quality Guidelines.

PDQ NP is the first CAD Data Quality product that not only checks for topology, geometry, and manufacturability, but provides a robust tool set for automatic healing, and applies a guarantee that the inspected part meets the requirements; all within the I-DEAS NX CAD system.

PDQ NP relies on Elysium's Data Exchange Kernel Healing Module which allows for completeness in CAD Data Checking and Automated Healing within the I-DEAS NX environment.

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Key Features of PDQ NP Full Version and PDQ NP Check Version

- › Full integration with the TDM environment
- › Fully Automated Diagnosis and Repair Functions

PDQ NP – Full Version

Automated Diagnosis

- › Checks model for adherence to Nissan's official product CAD Quality Guidelines
- › Identifies/locates faulty areas
- › Library Checker
- › Package Checker

Automatic Healing

- › Healing with history and Undo functionality
- › Aggressive (full) repair option

Automatic Data Check Guarantee

- › Certification key applied to parts which pass check

PDQ NP – Check Version

Automated Diagnosis

(same as Full Version)

Automatic Data Check Guarantee

(same as Full Version)