

**ELYSIUM to release NXdoctor, Product Data Quality Tool**  
*Validation and repair plug-in is for all NX users as well as Nissan and its Suppliers*

HAMAMATSU, Japan, April 6, 2010—Elysium Co., Ltd., a leading global provider of design data exchange software, today announced the upcoming (April 9) release of NXdoctor, a sophisticated Product Data Quality (PDQ) validation/repair tool specially created for Nissan and its suppliers.

NXdoctor, a Siemens NX plug-in, validates and repairs 3D CAD data in conformity with Nissan Motor Company's PDQ guidelines to assure perfect data usage in any subsequent 3D use scenario. Users can operate PDQ validation and repair by NXdoctor on NX.

"Data accuracy reverberates all the way down the supply chain, profoundly affecting every stage of product lifecycle management (PLM)," says Sakae Morita, General Manager of Elysium Co. Ltd. "Adopting NXdoctor in the early design phase will help NX users at any level improve efficiency throughout the manufacturing enterprise."

At Nissan, where the global CAD standard is Siemens NX, the company's PDQ criteria dictate a unique 3D data control checklist for itself and for suppliers. NXdoctor enables both the automaker and those who work with them to validate and secure the quality of all sent and received CAD data pertaining to product design and development. Once installed, NXdoctor will allow users to check 3D data directly from within Siemens NX in accordance to Nissan's strict specifications. Data which meets these requirements will be validated by an encrypted authentication key. All data entering or departing Nissan must be authenticated by NXdoctor.

Elysium will also provide configuration files for NXdoctor according to the specific needs of manufacturers other than Nissan family.

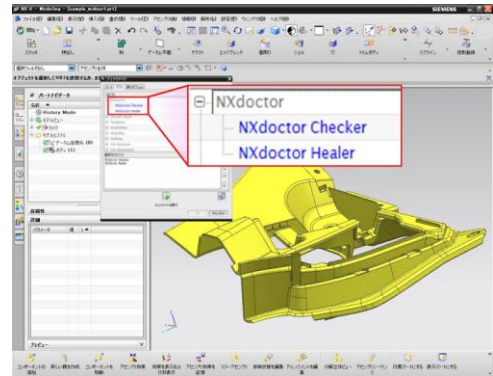
"Many companies are starting to implement PDQ management to prevent problems caused by problematic CAD data," says Ken Tashiro, COO/Vice President of Elysium Inc., the US subsidiary of Elysium Co., Ltd. "There is a particular need for validation and modification of received data because designers can't detect and correct those PDQ errors within their own CAD. NXdoctor resolves these issues for any designer using NX by both identifying and fixing such errors automatically."

## ■ Major features to be included in NXdoctor

### 1. PDQ Validation

Once NXdoctor is installed properly, NX users can operate PDQ validation using 'Check-Mate'. The PDQ validation of some 27 critical check items (including 20 most important items that comply with SASIG, VDA and JAMA/JAPIA) provides the same high level of accuracy as Elysium's CADdoctor.<sup>(\*1)</sup>

(\*1) Some check items will be available with Version 1.1 that will be released in this summer.



### 2. Healing

There are two options to heal the detected errors. One is using the 'Full B-Rep Repair' (automatic healing of the whole model), and the other is 'Repair with History' (PMI and attribute information is stored and only sections with PDQ errors are repaired).<sup>(\*2)</sup>

(\*2) 'Repair with History' will be available with Version 2.0 that will be released in this autumn.

### 3. Input and output ENF file

Input and output Elysium Neutral File (ENF) that allows NXdoctor repair results to be used freely on CADdoctor or ASFALIS.

## ■ Release date

First Customer Shipment will be released on 9th April, 2010.

## ■ Remark

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## ■ Contact information

For further information about NXdoctor, please visit [www.elysium-global.com](http://www.elysium-global.com)

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