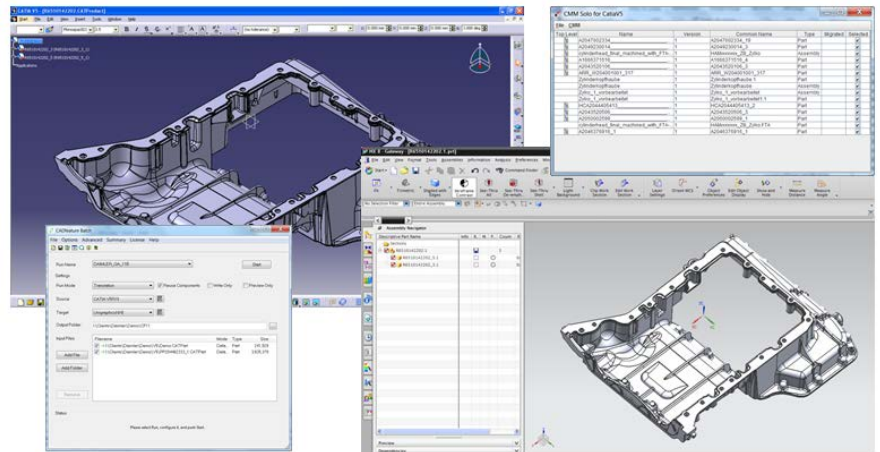
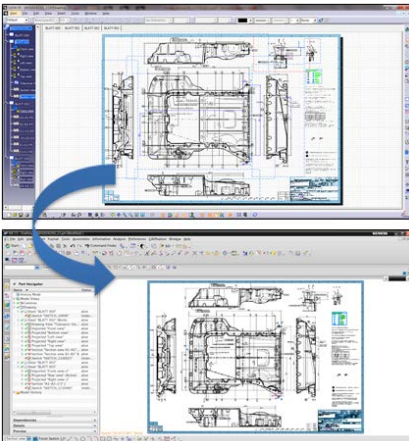


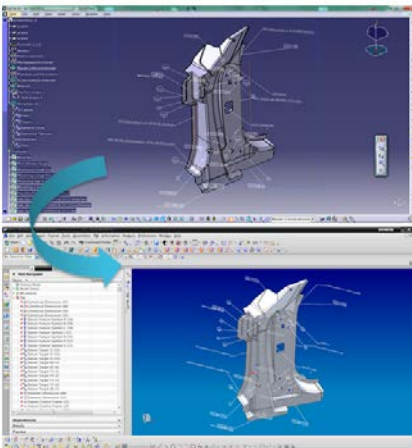
Elysium has been selected by Siemens Industry Software to provide migration tools for Catia V4, Catia V5 and Pro/Engineer to NX into the Content Migration Manager. This partnership includes the full integration of CADfeature into CMM and several strategic development projects to provide significant enhancements and support the migration requirements of Daimler AG and other major companies around the world.



### Associative Drawings support



### 3D PMI support



Most CAD systems include translators that read and write files from other CAD brands. This software can read or write only the featureless boundary representation of a foreign CAD model, not the features, assembly relationships, associated drawings, and non-graphic properties of the complete model. That's why engineers call b-reps "dumb solids."

Dumb solids can be useful, but if you must change designs while preserving the original engineering intent, then dumb solids won't do. That's why firms migrating to a new CAD system or that need to work with partners employing different CAD software choose translation tools that preserve design intent.

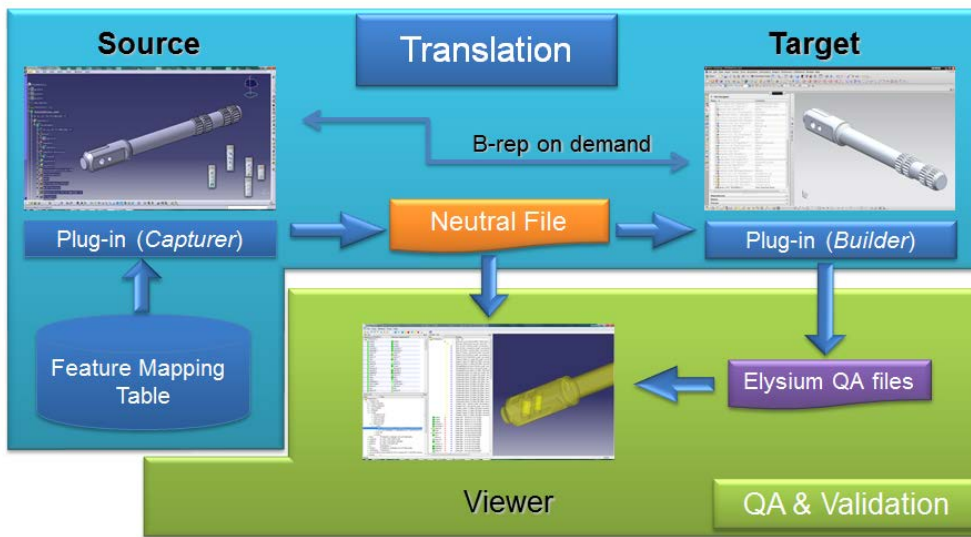
### What to look for in a feature-translation system

Only a few companies offer software that can translate CAD features. When shopping, it pays to get the best system available. Inferior feature-translation software runs slowly and delivers parts that are inaccurate and often require expensive rework in the target system. The capabilities to look for in a feature-translation system include:

- Comprehensive support of the geometric features used in your company's parts and processes

- Faithful translation of assembly mating relationships and library parts used in assemblies
- Controls that avoid translating parts that have already been translated
- Associative drawings that preserve sheet layouts, drawing views, scale factors, annotations, and dimensions that update when associated 3D parts or assemblies change
- Meta-data and non-geometric attribute mapping
- Highly automated processing that minimizes human interaction
- Fast execution that minimizes run times
- Built-in quality checking
- Process-control reporting that lets managers know what has been translated, which parts require manual rework, and which are ready for production
- The ability to customize translations to suit your processes and those of your partners
- Scalability from individual workstations to multi-site enterprise servers

Elysium's CADfeature is a high-quality, efficient, and automated feature-based translation system that offers complete design-intent transfer with the scalability to address the needs of individual designers or globe-spanning enterprises.



## Key Features:

- Maps a robust set of features among major CAD systems.
- Data-mining option predicts translation success/fail ratio prior to running actual translation.
- B-rep on demand enables feature translation to proceed in the event of a feature failure; it lets users manually fix only one feature instead of all the rest in the tree.
- Standard parts mapping with proper part and assembly orientation avoids translation of standard parts while assuring each is properly oriented in assemblies.
- Incremental translation control logs each part version that has been translated to avoid retranslation of previously used or common parts. This powerful capability greatly reduces translation time and effort for product families, common parts, and assemblies.
- Advanced quality-checking routines report textual CAD quality reports as well as visual models in a 3D viewer.
- Translates associated 2D drawing and layouts with extensive QA reporting.
- Verification tool compares source to results to assure geometric fidelity across all parts and features.
- Direct PDM integration with Teamcenter Engineering

## Representative Feature Translation Support:

- 2D drawing information such as: sheets, views, layout and scale factors, annotations, and dimensions that update when the associated 3D part or assembly changes
- 3D parametric model information such as: assembly constraints, sketches with dimensions and geometric constraints, datum features and reference geometry, Boolean operations, extruded features, drafts, lofts, sweeps, rounds, fillets, chamfers, surface feature operators, holes, shells, transformations, patterns, system and user attributes, and more.
- 3D annotations and views (also called PMI, product manufacturing information)

## Supported CAD Platforms:

Dassault Systèmes: CATIA V4, V5, SolidWorks  
 Autodesk: Inventor  
 PTC: Pro/ENGINEER Creo and Wildfire, CoCreate  
 Siemens PLM: I-DEAS NX, NX

**Schedule an appointment with Elysium representatives to evaluate your company's translation needs today.**

## About Elysium

Elysium develops and markets interoperability solutions for the global PLM market with thousands of customers worldwide and millions of files translated. Elysium was founded in 1984 in Hamamatsu, Japan, the site of its world headquarters. Its North America headquarters are in Detroit, Michigan. 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](http://www.elysiuminc.com) and [www.elysium.co.jp](http://www.elysium.co.jp)

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