

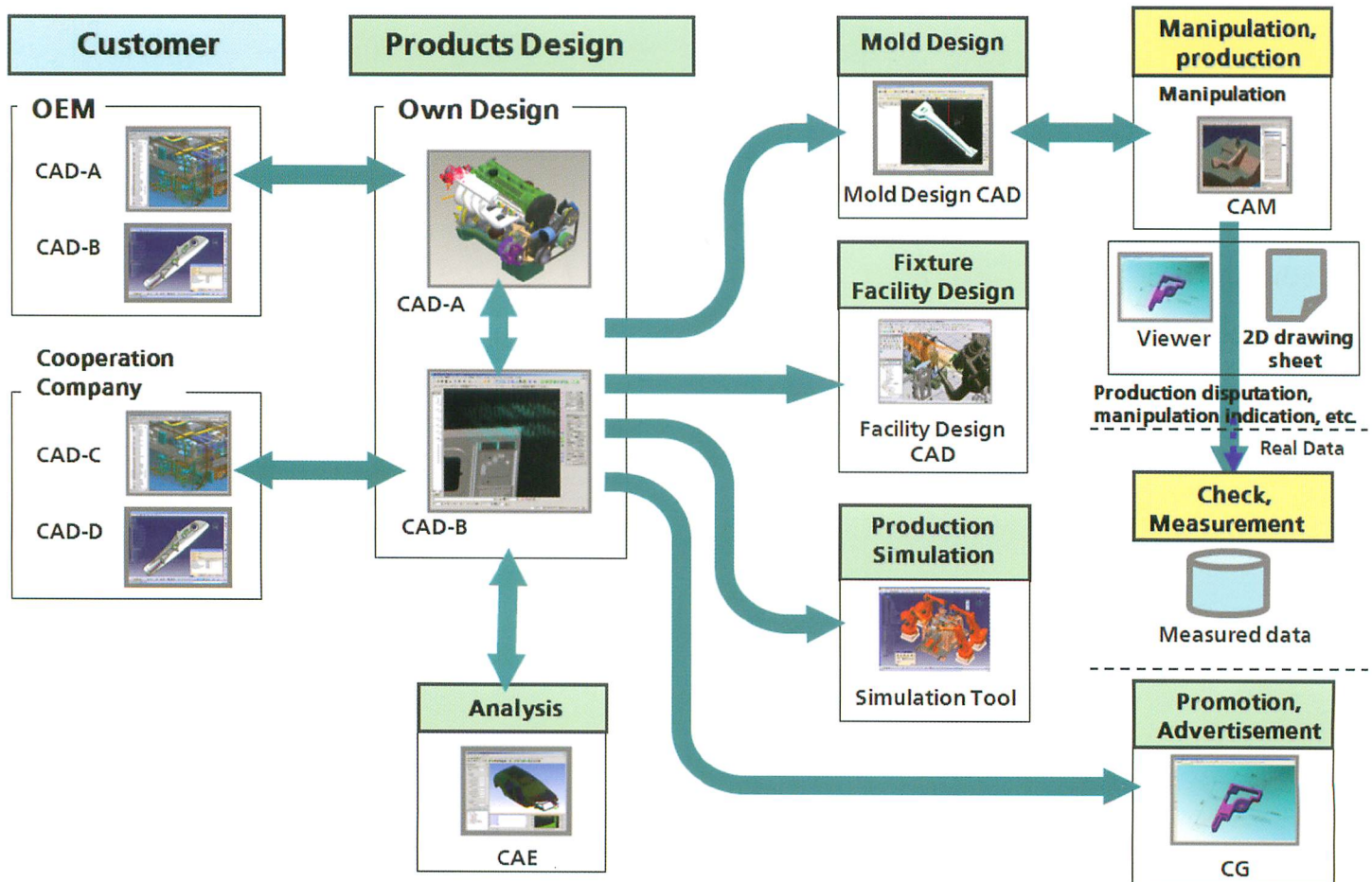
secure, integrated solutions for managing design data, workflows and supply chains

## ASFALIS concept and solution

1. **3D data interoperability between organizations**
  - PDQ management and reliable translation technology
  - flexible and scalable with various products and components
2. **automation for data preparation for every process**
  - effective use of 3D annotation and attributes
  - process centric for mold, CAE, etc.
3. **product data preservation and archive**
  - independent from CAD and its versions
  - verification and authorization for the distribution

## key features

- data translation and exchange management system
- automatic verification of PDQ
- data weight saving
- translation of PMI and attribute
- automatic adaption of CAD data to customer operation rule
- independent operation of customer's CAD version
- geometry simplification
- automatic interference check
- 3D drawing sheet viewer
- data security
- 3D CAD data archiving



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Elysium's Data Translation technologies can merge, scale and integrate to form a complete, robust data translation and exchange Management system for organizations with complex design, manufacturing and supply chains. The key to this power is the Elysium Data Exchange Kernel.

The Elysium Data Exchange Kernel provides the foundation for a secure, sophisticated and intelligent database that serves as the center of a portal based, design translation and data exchange hub. The Elysium Data Exchange Kernel ensures that stakeholders across your production ecosystem – multiple CAD, CAE, CAM and PLM systems – have reliable, timely access to high quality design data.

The Elysium Data Exchange Kernel begins with native import and export of CAD parts, assemblies and product manufacturing information. Long term strategic relationships with such major CAD vendors as Autodesk, Dassault Systemes, PTC and Siemens enable your designers, engineers and supply chain partners to leverage proprietary libraries to exchange native CAD files between different CAD systems quickly and accurately.

Because Elysium collaborates with many of the world's premier aerospace, automotive and defense organizations, Elysium Data Translation technologies inherently enhance Six Sigma processes with the most comprehensive set of design quality checks available, including PDQ (Product Data Quality) standards based on VDA and JAMA specifications.

Still, ensuring product data quality standards throughout the production ecosystem is just the first step in saving time and costs.

The Elysium Data Exchange Kernel also lets you adjust geometry translations from the authoring CAD system to your suppliers' target CAD system as well as translate designs into simplified, idealized geometry for downstream analysis, manufacturing and visualization applications. It lets you control a design's details, securing your intellectual property and you can automate the entire process.

### ASFALIS Components

