

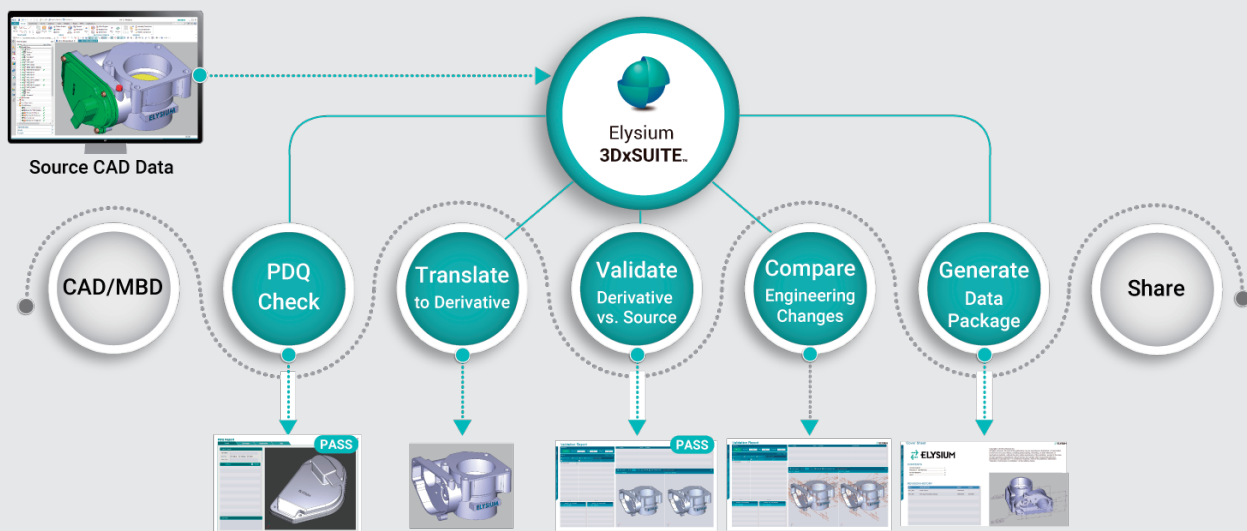


## POWERFUL. FLEXIBLE. LIMITLESS.

Your 3D digital data can be connected, enriched, and ensured by the modular interoperability platform

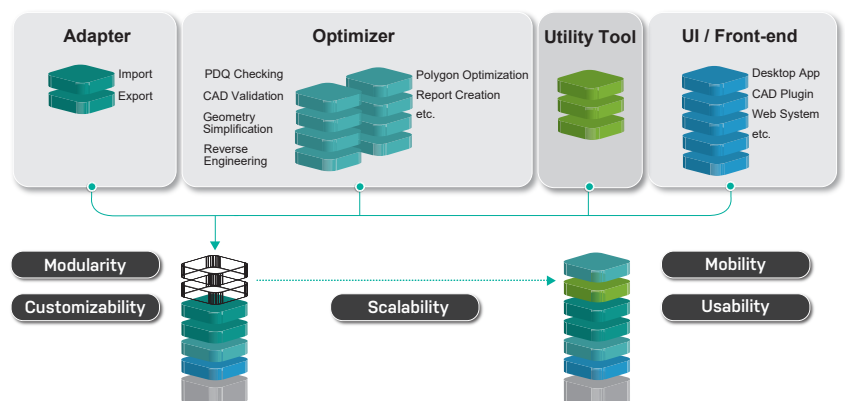
### Streamlining MBE with Single Point Automation

Leveraging a single provider for the multitude of essential processing steps within an MBE data lifecycle streamlines capabilities, support, integration, configuration, and upgrades over time. This allows for extreme flexibility when workflows need to be adapted as data, processes, and cultures evolve.



### Digital End-to-end Interoperability with Maximum Flexibility

Elysium 3DxSUITE focuses on providing you the capabilities you really need. Freely pick the modules and aggregate them to your individualized solution that matches your engineering and business requirements.



# All-in-one Platform to support your MBE Lifecycle

**Components** Provide all the essential technology pieces to support digital end-to-end engineering processes

**Adapters** Support import and export of all major CAD systems and a multitude of other formats



**Importer**



**Exporter**

Adapters enable you to translate 3D data, including geometry, structures, attributes, and PMI.

**Optimizers** Provide function pieces to support Model-Based Lifecycle



**PDQ Checker**

Run a quality check for CAD models. Perform PDQ(Product Data Quality) checking following PDQ guidelines for SASIG, JAMA, JAPIA and VDA.



**CAD Validator**

Compare two CAD models including geometry, assembly structures, attributes, and PMI. Optimal for derivative validation and engineering change communication.



**Geometry Simplifier**

Simplify CAD geometry. Remove specific features, delete and combine components, and create envelope solids.



**Reverse Engineer**

Run reverse engineering. Automate the process to create CAD surface models from polygon data.



**Mid Surfacers**

Semi-automatically create mid-surfaces from solid models.



**Polygon Optimizer**

Perform quality checks and optimize polygon data.



**ENF Editor**

Edit or extract information contained in ENF, such as assembly structure, color, attributes, and PMI by calling API from a Ruby script.



**Report Creator**

Output PDQ Checker / CAD Validator results into a 3D PDF or 3D HTML report.

**Utility Tool** Configure the settings of 3DxSUITE components with intuitive utility tools



**Data Package Studio**

Customize 3D PDF outputs from 3DxSUITE with this plug-in to the Adobe Acrobat Pro product line.



**Scenario Editor**

Create scenarios to be reused. Define the order of processing steps and configure the individual parameters.



**Validation Configurator**

Customize comparison processes performed by CAD Validator.

**Front-end** Support your desired use cases through multiple front-ends

<b>Viewer</b>	Desktop application to visualize 3D model data in ENF format and compare result output by CAD Validator.	<b>Editor</b>	Desktop application to visualize, translate and edit 3D model data. (Equivalent to our older product, CADdoctor)
<b>SmartLauncher</b>	Application to run Component processing from CAD plug-in menu as well as Windows context menu.	<b>SmartController</b>	Simple Batch application to process multiple 3D model data together on a single computer.
<b>SmartController Pro</b>	A high-end version of SmartController to provide full batch functionality via execution on multiple computers.	<b>TransServer</b>	Web-based server and client system to execute the process with load distribution, user management, and Web API.

