Elysium **Drawing Validator**®

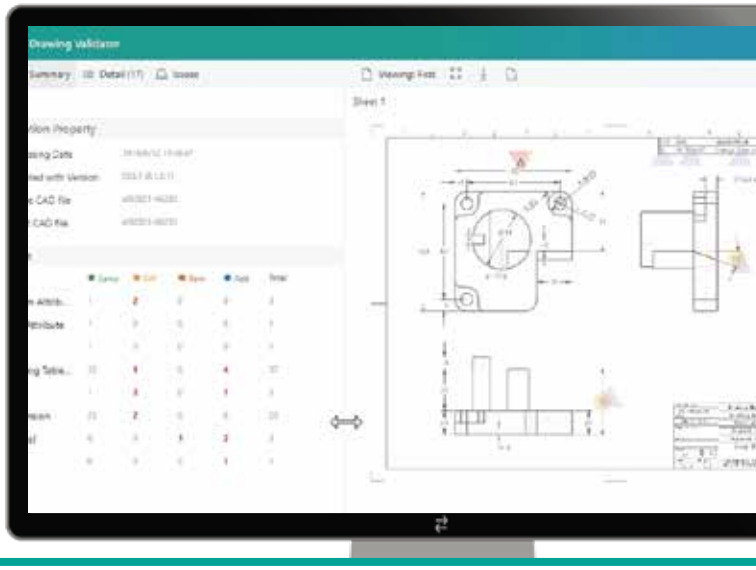
ELYSIUM

elysium-global.com

High Quality 2D Drawing Validation Tool

Detect & Compare Drawings

Quickly detect and see changes, additions, and removals between 2D drawing versions. Drawing Validator takes the guesswork out of drawing comparison.



Semantic Validation

Compare based on semantic values extracted from the source CAD model using official CAD API.

Ignore redundant differences such as the position of BOM table, PMI etc.

Flexible Customization

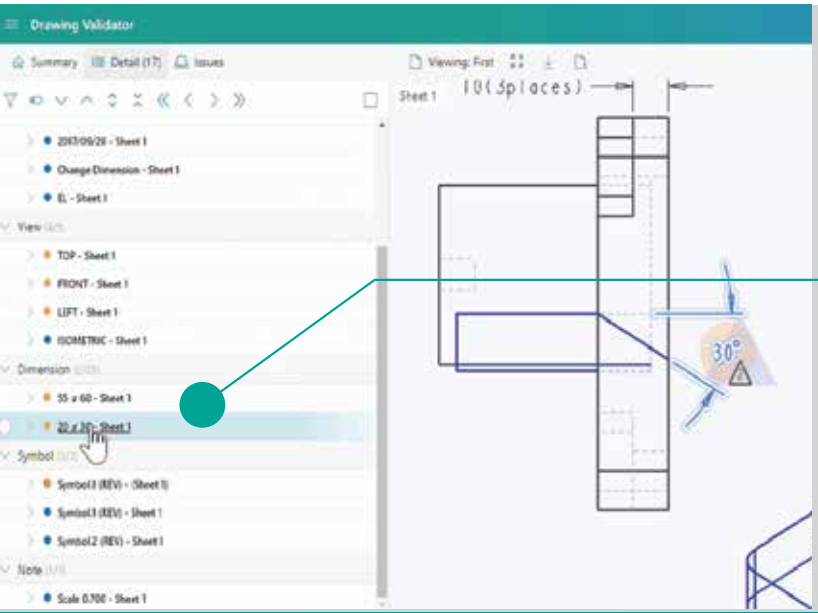
Tune up for your needs to detect significant changes only.

Support batch processing to automate the process.

User-friendly Report

Viewable via Web browser.

Highlights the changes by animation and semantic values categorized by element type

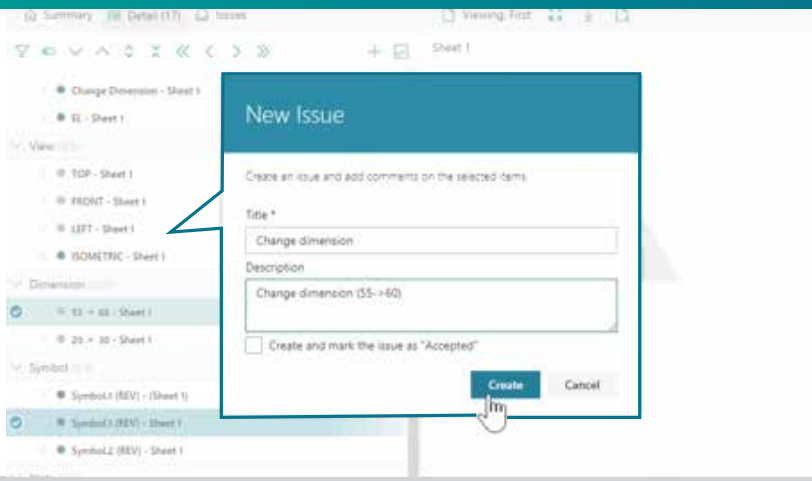


- Lists all detected differences to avoid oversight
- Easily zoom-up to each item
- Efficiently check numerical differences in the list

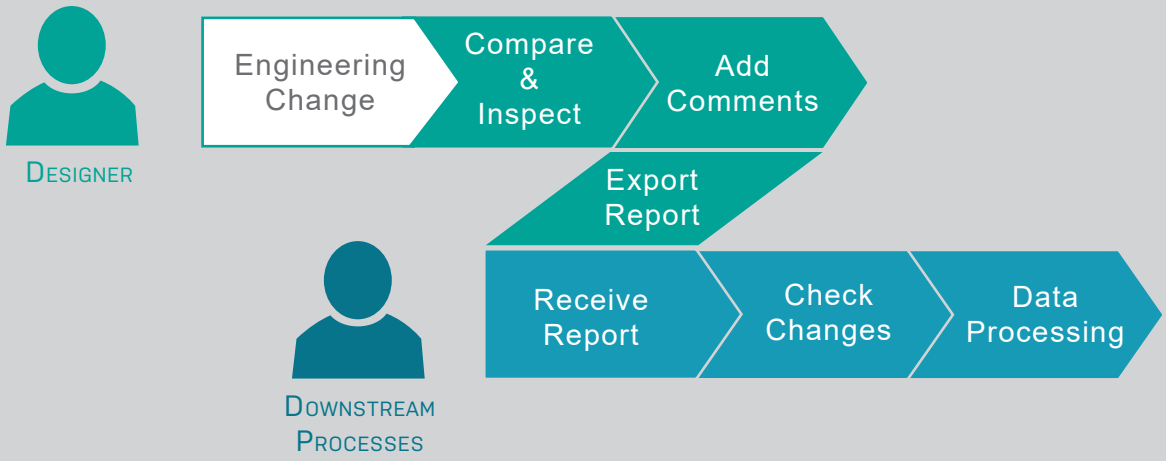
Pick Up

Comment Function

Enabled to add comments on the detected differences and smoothly communicate information to the post processes.



Realize Seamless Downstream Communication through Automated Drawing Validation



Customer's Voice

Mr. Kazuhiko Fukuoka

Senior Assistant Manager of Erection Engineering Group, Plant Engineering Department, Power System Plants Business Division of IHI Power Systems Co., Ltd.

“ It is a game changer.

Drawing Validator dramatically reduces the lead time and increases the efficiency in our 2D drawing check process, especially when working on large assembly models as it detects differences on the number of elements, values of dimensions and annotations based on parametric values in Creo Parametric native data.
Our conventional method with an image comparison tool—check for differences by overlaying two drawings—always required manual filtering and examination by human eyes as the comparison result contained redundant differences such as slight change in the layout position of detail drawings, and such differences were reported as a difference in the whole detail drawing which was hard to understand what had been changed and judge whether important or not. In the scene where the detection of unintended changes is also integral, it is fundamental that only, but all the significant differences are detected.
We see a great potential in this new product that this will enhance not limited to the 2D drawing validation process, but across the entire manufacturing process. ”