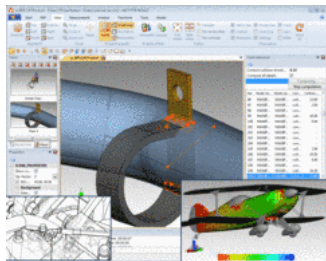




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## Visualize & Analyze Large 3D CAD Models: KISTERS 3DViewStationV2015.1



KISTERS announces release 2015.1 of 3DViewStation. The KISTERS 3DViewStation is known for its modern user interface, high performance 3D viewing, advanced analysis and Digital MockUp (DMU), and current and mature CAD importers for a broad range of formats including Catia, NX, Creo, SolidWorks, JT, 3D PDF, and STEP plus an extensive set of functional tools to view, analyze, and communicate 3D data as STEP, JT, or 3D PDF.

The focus of the developments of 3DViewStation V2015.1 was to optimize further the handling of extremely large assemblies and the enhancement of the analysis functions.

The model tree was replaced in order to accelerate selections in extremely large assemblies, improving filtering and isolation of large assemblies. For example, selecting 5000 parts of a specific color in a 100.000+ parts assembly. The filtering was cut down to fractions of a second. Performance and memory usage was optimized by migration of the graphics kernel to DirectX 11, while ensuring better support of virtual systems.

There were also enhancements in the area of analysis functions:

- A wall thickness analysis displaying color gradation based on the ray method has been added.
- The calculation of volume and surface will no longer be performed during loading, but is accessible via a menu item.
- The presentation of results from the clash detection has been improved.
- The SVG 2D-vector export of hidden-line removed data has been enhanced.
- A minimum bounding box has been added.
- PDF Export has been enriched.
- ISO-like dimensioning has been enhanced.
- A new XML-based API has been added, available for all products: Desktop, ActiveX, and WebViewer.

All product versions are intended to be used together with a PLM, ERP or other management system providing all necessary APIs. For cloud, portal, and web solutions there is a HTML5-based WebViewer solution available; which does not require any client installation at all. All file formats can be used in combination with the intelligent navigation and hyperlinking features to address needs of complex integration scenarios.

[Click here](#) to learn more...

**Until next time,**

**Joe Walsh**

**CEO**

**intrinsicSIM**



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intrinsicSIM LLC | 1482 The Orchard Road | Clarkesville | Ga | 30523

