



3DViewStation Integration for SAP



Areas of application:

Integrated 3D viewer for PLM systems

- Early development phase
- Variations
- Configurations

Integrated 3D viewer for xMS
3D viewing for role-based PLM clients, e.g.

- Engineering
- Sales
- Manufacture
- Quality assurance

Technical features:

- 64-bit and 32-bit
- High performance
- Reliable CAD importers
- MultiCAD
- 3D comparison
- Import & substitution
- Measuring
- Sectioning
- Sliding
- Rotating
- Coloring
- Exploding
- Visual navigation
- Information at your fingertips
- Hyperlinks to 3D objects

Kisters 3DViewStation Integration for SAP

Now you can enjoy all the advantages of Kisters 3DViewStation as part of SAP!

As a SAP user you would like to combine the advantages of PLM and ERP: the link of engineering and commercial data. The Kisters 3DViewStation helps you to turn these advantages into higher efficiency and safer processes.

Users don't just want to read text-based descriptions of a product - they want to be able to see a 3D rendering of the product, and that extra fast. This is where the integration of Kisters 2DViewStation comes into play.

Search meta data or structural information via ECTR of DSC Software, and visualize the result as a native CAD assembly or in a neutral format, e.g. 3DVS, JT, 3D-PDF or STEP.

Kisters 3DViewStation will soon prove itself as the most performant and most reliable solution on the market today! You can now visualize, analyze, measure and section products quickly and easily, compare i.e. revisions of geometries, define views, add annotations and 3D-markups and much more.





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File formats:

3D PDF	NX
3DS	OBJ
3DVS	Parasolid
3DXML	PRC
CADD5	Pro/ENGINEER
CATIA V4	Rhino
CATIA V5	SAT
CATIA V6	SolidDesigner
CGR	Solid Edge
Collada	SolidWorks
Creo Elements	STEP
I-deas	STL
IFC	U3D
IGES	VDA-FS
Inventor	VRML
JT	XVL
KMZ	

System Requirements:

- Windows®
- 1.3 GHz processor or higher
 - Windows XP or higher
 - 512 MB RAM
 - 500 MB hard drive space
 - Screen resolution 1024 x 768
 - 3D graphics card

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Conversions via Kisters Automation Server into our 3DVS format will maximize performance: files become extremely small, and even the most complex assemblies are loaded in under 1 second (pure load time, without SAP transaction times).

It's important to know, that the Kisters 3DViewStation can not only work with monolithic files. ECTR uses Kisters 3DViewStation APIs to load products dynamically, what we call virtual product structure support. In this case SAP manages the structure and positioning information of all parts, which are loaded by Kisters 3DViewStation during runtime. This approach allows to deal with variants, configurations and different views on structures („as designed“, „as maintained“ ...) in an efficient way. It is now possible to load just a fraction of a whole product or to replace selected parts by other versions on the fly without reloading a complete & modified structure.

APIs of Kisters 3DViewStation allow to change the color of parts, an approach which we call color-coding. A purchase guy might use colors i.e. to visualize stock availability, a project manager uses color-coding i.e. to visualize release status of all parts of an assembly.

Kisters 3DViewStation allows the leading application, here ECTR or SAP, to react on clicks on geometries. This leads to powerful role-based PLM or ERP-clients, i.e.: the purchase guy is just one click away from the information about the last supplier of a part or the last price, the maintenance guy is just one click away from a PDF with the corresponding maintenance procedure.