

KISTERS 3DViewStation Desktop

The Kisters 3DViewStation is an extremely high performance 3D viewer, 3D CAD analysis & Digital Mockup (DMU) tool with modern Office compliant UI, which loads native and neutral CAD-data extremely fast. For integrations you can use our Desktop version as well as ActiveX version, which supports virtual product structures and provides graphical navigation capabilities for the visual enterprise.

With the current set of functions and features the 3DViewStation is the perfect tool for usage in sales, marketing, review processes, change management, work preparation and technical documentation on Windows desktops, notebooks and tablet-PCs. Use as a standalone app or integrated in PLM/PDM/ERP, and other systems.

Version: 2018.0 current release Release date: 2018-12-06

New:

- New method for ActiveX-Contol: SetKeepAlive
 - Can be used to prevent closing of the 3DViewStation instance e.g. when `Terminate()` is called.

Enhancements:

- Improved Japanese UI translations
- Update of German and English tutorial

Fixes:

- Crash when printing on very large paper sizes #3715
- Issues with the display of Inventor assemblies solved #3262

Version: 2018.0.342 Release date: 2018-11-13

New:

- *Type floating license only*: Update of LicServerClient-Java-Tool for floating server administration/usage statistics
----> *current version of floating server software recommended*

Enhancements:

- Improved Japanese UI translations
- Update of German tutorial

Fixes:

- Automatic recognition of markup fonts
 - Uninstaller removes all installation files
 - *Type activation license only*: Installation of needed Microsoft redistributables
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Version: 2018.0.333 Release date: 2018-10-11

New features:

- Import dialog / Import presets
- Recognition of drill holes
- Optimize instances - results in file size reduction
- Save views separate from geometries
- Load views independent from i.e. revised geometries
- Remove edges of geometries, i.e. due to bad quality
- Re-calculate edges of geometries, i.e. to allow measurements
- Calculation of neutral axis of piping objects
- Scale geometry
- Measure face without need to extract face first
- Real time wall thickness measurement
- Skybox creator
- Wall thickness analysis color gradated, i.e. multi selection
- Mirroring of geometries with more options

Enhancements:

- Improved UI translations
- Direct page access for multi-page 2D documents

Fixes:

- Visualization of background images #3595
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Version: 2018.0.319 Release date: 2018-09-18

New:

- Context menu for each scene tab

Enhancements:

- Print dialogue is resizable #3363
- Fullscreen can be exited via Escape (and F11)

Fixes:

- Solved problem when importing STEP data #3260
- Import dialog: focus issue #3457
- Solved problems with PDF Templates #3424 #3464
- ActiveX: AddContextMenuItems treats passed IDs wrong #3455
- Solved problem with display of diameter symbol #3472
- Solved problem with an old 3DVS file #3534
- Problem with Parasolid NodeNameTemplates solved #3536

Version: 2018.0.310 Release date: 2018-08-17

New:

- Import dialog: choose between different setting presets, thus leading to different load time and quality
- Inventor 2019 file format support

Enhancements:

- Neutral axis can now also be applied to tessellation and BREP data
- Drill hole improvements
- 2D root nodes now contain the name of the opened 2D file #3385
- Wallthickness Heatmap unit is available #1950
- New export setting to replace original file extension #3300

Fixes:

- 3DPDF: opening the 3D scene on Windows 7 systems #3144
- 3DPDF: containing U3D #3435
- OpenFile via renderer extension #3338
- PLMXML: Colors are displayed incorrectly #3319
- Bounding box world markup positioning issue #3296
- VSXML paths with umlauts #3332
- DWG file is displayed as a white sheet #3410
- Splashscreen fix #3330
- Compare of multipage documents #3415

Version: 2018.0.212 Release date: 2018-07-18

New:

- Remove empty nodes
- Printdialogue:
 - Print range

- Autorotate document
- Tiled printing
- Convert dialogue: IFC and FBX added
- Measurement of circle area
- CMD implementation for the quick and exact compare

Enhancements:

- Setup: Teamviewer is now an optional parameter during silent installation
- Support for tessellated PMI STEP AP242
- Selection frame now also works for:
 - Wires
 - Curves
 - Points
 - Annotations
- Improve ActiveX control

Fixes:

- Update the 2D Advanced licensed importers
 - CREO: drawing issues #1789
 - CATIA V4: issues with opening some .model files #1941
 - SLDDRW: issues with opening some files #3146
 - NX Drawing: issues with opening and wrong displaying #1845 #1972 #3279
- 3DPDF: issues with opening the 3D scene #3144
- CGM: Improved measuring accuracy #3282

Version: 2018.0.95 Release date: 2018-06-07

New:

- JavaScript support for 3D-PDF export

Export 3D:

- IFC

Fixes:

- ActiveX connection problem

Version: 2018.0.77 Release date: 2018-05-30

Enhancements:

- Menu icon for Readme and File Format List in the help category
- Menu icon for SkyBoxCreator in the tools area with which skyboxes can be generated

Fixes:

- CatiaV5 Import Problems #2718
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Version: 2018.0.57 Release date: 2018-05-17

Import 2D Advanced:

- Catia V6 / 3DEXperience R2017
- Support for NX Expression

Enhancements:

- Improved computation speed of world bounding box
- Enhanced line generation

New:

- Measuring function: Dimension surfaces
- Optional monochrome import for 2D advanced formats
- Mirror geometry over world coordinate system and active coordinate system
- Import and export views via XML file

Fixes:

- RGB colors could not be changed #2884
 - PDF export generates darker preview images than previous versions #3078
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3DViewStation - Scenarios and Details:

High performance - your time is money

You need to be able to complete your tasks in a continuous flow, which is why we have ensured that the import interfaces with the various CAD systems function as quickly as possible. And now that 3DViewStation is available in a 64-bit version as well, all previous storage limits have gone out the window. Step on the gas pedal and utilize our internal data format whenever you need maximum performance.

70% of all users...

... look for an intuitive, easy to use application to load 3D CAD data quickly, and for options to measure, slice, and compare components and assemblies quickly and easily. We have done our best to ensure that your work with 3DViewStation is a real pleasure.

Technical documentation and collaboration

Technology editors are always on the lookout for intuitive solutions to map and display products in various states. They need to hide or show parts, color parts, create exploded views. Using the 3DViewStation you simply export the result as an image and integrate it into your work- or assembly instruction. If you prefer communicating your data in 3D, then you will love the export capabilities of 3DViewStation to STEP or 3D PDF.

Integration and automation

Geometries are often managed not just on the file system, but via ERP, PLM, or other data management systems (e.g. proprietary systems). Kisters 3DViewStation comes equipped with a comprehensive programming interface (API) to facilitate any kind of automation. It allows the loading and positioning of geometries, and the comparing or manipulating of their storage location. Via the API, Kisters 3DViewStation allows the coloring of parts, dynamic builds of structures (e.g. variants and configurations), and the querying of the position and attitude of parts or the forwarding of events to a guiding application, once a part is clicked - e.g. to then search for meta data in PLM or ERP.

The KISTERS 3DViewStation is developed very close to customer requirements, available as Desktop and ActiveX product-version, 32-bit and 64-bit, shipping with a modern and intuitive Office 2010 compliant user-interface. The ActiveX integration component is intended to be used together with a PLM- or other management system. All file formats can be used in combination with the intelligent navigation- and hyperlinking features to address needs of complex integration scenarios. There are seat and floating licenses available.

KISTERS is a worldwide growing IT-company which has been founded in 1963 as an engineering agency. Its 500 employees develop resource management systems for energy, water and air, and information systems for the area of environment protection and safety. Professional competence and operational experience with more than 3000 customers and more than 150.000 installed licenses make KISTERS an internationally sought-after partner for software solutions.

One core focus of the IT-solution department is the development and sales of visualization solutions for CAD-data and documents including ECM and PLM integrations. To satisfy the various market requirements KISTERS offers solutions of several best-in-class vendors as well as own developments. Customers appreciate 20+ year experience in this area.

Contact: KISTERS AG <http://viewer.kisters.de> sales-viewer@kisters.de <http://blog.kisters.de>
<http://www.youtube.com/KistersViewer>