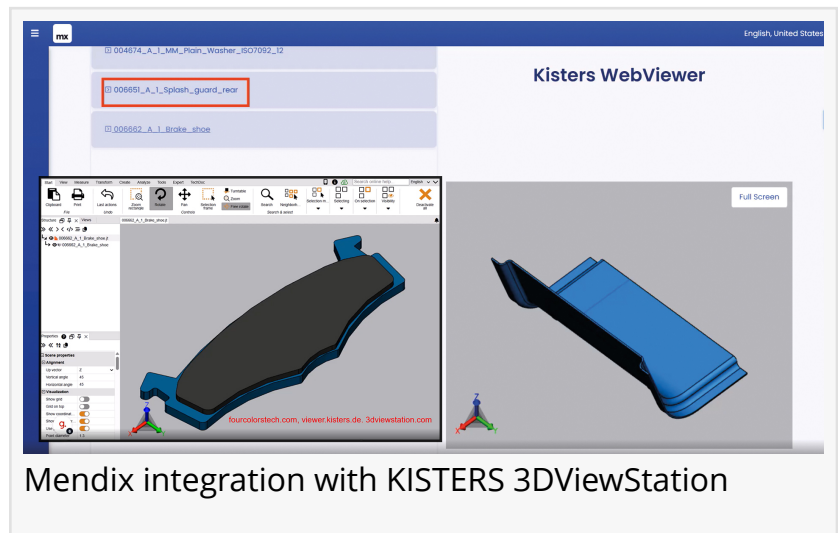


KISTERS 3DViewStation WebViewer Integration for Mendix Available

3D CAD visualization and analysis can now be embedded directly into low-code and no-code applications

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EINPresswire.com/ -- KISTERS is expanding the application possibilities of its 3DViewStation: With a new [integration](#) of the 3DViewStation [WebViewer](#) into Mendix, companies can easily embed professional 3D CAD visualization and analysis into their business applications by using low-code development.



Embed a full-featured 3D CAD viewer into Mendix applications

Mendix enables companies to develop and deploy custom web and mobile applications very quickly using visual drag-and-drop and model-driven tools. The KISTERS 3DViewStation integration extends these applications with capabilities for displaying and interacting with CAD models. It provides high-performance and easy-to-use 3D and 2D CAD visualization seamlessly within a Mendix application, allowing companies to integrate CAD data into digital processes without requiring users to launch a separate desktop application.

Selected 3D CAD parts are automatically loaded into custom KISTERS 3DViewStation WebViewer version, with the clean model area integrated into the Mendix user interface. This offers fast and intuitive visualization and interaction without standard ribbon. A full-screen button expands the viewer within a pop-up window to default 3DViewStation user interface, including its full ribbon and toolbar. In full-screen mode, the complete range of more than 180 functions is available, providing advanced options such as measurement, sectioning, analyses, clash detection, model comparison, markup, PMI and detailed model inspection.

Potential use cases include digital product catalogs, service and maintenance applications, customer and supplier portals, product configurators, change review documentation, and

tailored engineering and manufacturing applications such as digital work instructions.

Web-Based visualization for complex CAD data

The integration enables fast and streamlined handling of even very large and complex 3D and 2D CAD models, with support for all major CAD formats—including CATIA, Creo, NX, Solid Edge, SolidWorks, JT, and STEP—without the need for conversion. The KISTERS 3DViewStation WebViewer uses server-side rendering, helping to protect intellectual property by streaming image and video data rather than transferring 3D geometry to the user's end device. Application-specific functions and data can also be connected through the extensive APIs (application programming interfaces) available.

Low-code technologies facilitate rapid and scalable application deployment while helping organizations to accelerate development cycles and create more connected digital processes across the enterprise. For many companies, this greatly simplifies the integration of powerful CAD visualization into their workflows.

The integration was implemented by KISTERS partner Four Colors Technology. More information and a video demonstrating the Mendix integration are available on the KISTERS 3DViewStation website.

About 3DViewStation

KISTERS 3DViewStation is continuously enhanced in response to customer needs and requirements. It is available as a Desktop, HTML5 WebViewer and VR Edition product versions plus the online collaboration tool VisShare. All product offerings can be integrated with a [PLM](#), ERP or other leading management system as well as service and spare part applications. KISTERS 3DViewStation provides all necessary APIs for your development team. For cloud, portal and web solutions, there is a HTML5-based WebViewer solution available, which does not require client installation. All file formats can be used in combination with the intelligent navigation and hyperlinking features to address the needs of complex integration scenarios.

About KISTERS

With more than 25 years of success in the market as a provider of superior visualization solutions from desktop to mobile, KISTERS has become the CAD viewer tool of choice within the 3D visualization industry. The company's clients range from small firms to well-known multinationals, comprising more than 3,000 customers and over 200,000 installations worldwide. The 3DViewStation's easy-to-use interface is suitable for all user groups and 100% customizable to everyone's specific requirements.

About Four Colors

At Four Colors Technology, our mission is to simplify and streamline PLM implementations while enabling innovation across the enterprise. Every organization has unique product development workflows, engineering processes, and business requirements. With this understanding, the

focus is on delivering tailored PLM solutions that align closely with each client's operational and strategic objectives.

Through close collaboration with engineering and product teams, Four Colors has gained deep insight into the challenges, complexities, and inefficiencies often associated with traditional PLM and CAD environments. These experiences inspired Four Colors Technology to develop a comprehensive portfolio of tools and services designed to make PLM implementations more efficient, scalable, sustainable, and value-driven for modern enterprises.

3DViewStation Marketing

Kisters

+1 916-723-1441

sales-viewer@kisters.net

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