

ITI NEWS – FOR IMMEDIATE RELEASE

International TechneGroup, Inc. Unveils CADfix Viz 2: Elevating CAD to Visualization Conversion

Milford, OH, December 12, 2023 - [International TechneGroup, Incorporated](http://www.iti-global.com) (ITI), is thrilled to announce the launch of [CADfix Viz 2](#), the cutting-edge solution for optimizing and converting 3D CAD model assets for use in visualization and virtual reality systems. This latest release is testament to ITI's commitment to providing users with a more effective and efficient process for translating CAD models into high-quality lightweight meshes for use in downstream applications.

CADfix Viz 2 brings a host of updates and enhancements. The latest meshing algorithms provide a solid foundation for the CAD to mesh process, offering greater robustness, improved mesh structure and enhanced facet quality for superior results with higher quality visualizations.

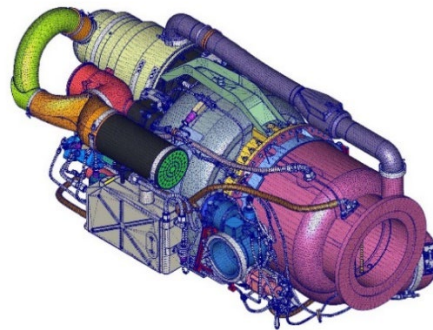


Figure 1. Mesh quality and robustness updates in CADfix Viz 2

Significant advances in the simplification options available help reduce mesh detail and complexity prior to export. The hole, protrusion and internal detail removal tools have all seen improvements in range of function, speed, and accuracy. A new automatic mid-surface tool has been introduced to allow the reduction of thin-walled parts to single surfaces, significantly reducing the triangle count. CADfix Viz 2 can also quickly detect and delete duplicate faceted bodies, and a “Pick Similar” function allows users to rapidly select similar shaped parts for removal or simplification.

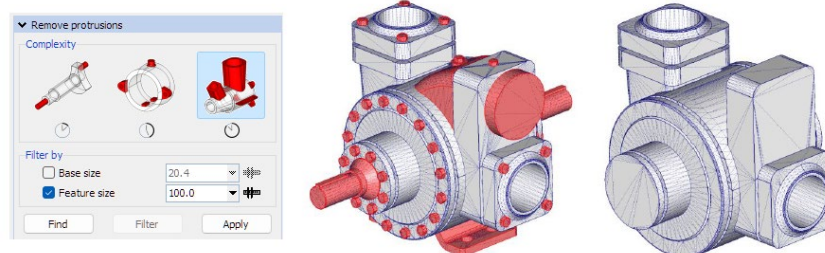


Figure 2. Extended range of simplification tools in CADfix Viz 2



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Assemblies can be handled more effectively and simplified with a new compression tool to remove duplicates within the assembly structure, and a new “auto-build” function will automatically create instanced parts to remove unnecessary duplicate geometry.

The import and export interfaces in CADfix Viz 2 have been updated to align to the latest industry standards and proprietary CAD formats, and a new export to the Universal Screen Description (USD) file format added. The FBX interfaces have also been extended to support important UV maps for visualization.

Henry Bucklow, CADfix Viz Product Manager at International Technegroup, Inc., expressed his enthusiasm for the release, stating, *“I’m very excited to share CADfix Viz 2 with our customers, and to see them save time and effort by streamlining their CAD to visualization processes with the enhanced mesh generation and simplification tools.”*

International Technegroup, Inc. remains dedicated to pushing the boundaries of innovation in the CAD industry. CADfix Viz 2 reflects our ongoing commitment to providing users with powerful and versatile tools that streamline their workflows and elevate their design processes.

About ITI, a Wipro company

ITI specializes in conversion, integration, validation and migration solutions for product data and related systems. Our customers recognize the value of having a trusted solution partner that provides more than just software. ITI solves complex product data interoperability problems so that the world’s leading manufacturers can focus on making great products. In 2019 ITI became a wholly owned subsidiary of Wipro Limited, a leading global information technology, consulting, and business process services company. ITI operates within the Wipro Engineering business that provides customers with a platform to innovate and engineer the next generation of products and platforms at scale.

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About Wipro Limited

Wipro (NYSE: WIT, BSE: 507685, NSE: WIPRO) is a leading global information technology, consulting, and business process services company. We harness the power of cognitive computing, hyper-automation, robotics, cloud, analytics, and emerging technologies to help our clients adapt to the digital world and make them successful. A company recognized globally for its comprehensive portfolio of services, strong commitment to sustainability and good corporate citizenship, we have over 170,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

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