

vertex | VERTEX SYNC FOR PLM

Bridge the Gap Between PLM and Real-Time 3D Collaboration

Vertex Sync for PLM automatically synchronizes CAD data and configured product structures from Siemens Teamcenter, PTC Windchill, and Dassault Systèmes Enovia to the Vertex 3D Platform—no manual exports, no duplicated storage, and no extra infrastructure.

Once synced, your teams can securely access high-fidelity 3D visualizations across departments, regions, and partners without ever exposing native CAD files.



ALWAYS UP TO DATE

Automatically reflects the latest geometry, BOMs, and configured product configurations in real-time.



SECURE BY DESIGN

No CAD file transfers or downloads—only encrypted, context-aware pixel streams.



BUILT TO SCALE

Handles massive assemblies, dynamic BOMs, and distributed teams with ease.



COMPLIANCE-READY

Supports ITAR, DFARS, and NIST 800-171 security standards for regulated industries.



ACCELERATES COLLABORATION

Streamlines design reviews, RFQs, and service planning—no waiting, no files.



SYNC DATA

Syncs CAD data from Siemens Teamcenter, PTC Windchill, Dassault Systèmes Enovia on change or schedule.



VISUAL-READY OUTPUT

Publishes CAD data to the Vertex 3D Platform, where it becomes “visual-ready.”



RETAIN OR DELETE

CAD data may be retained by the Vertex 3D Platform or deleted after publication.



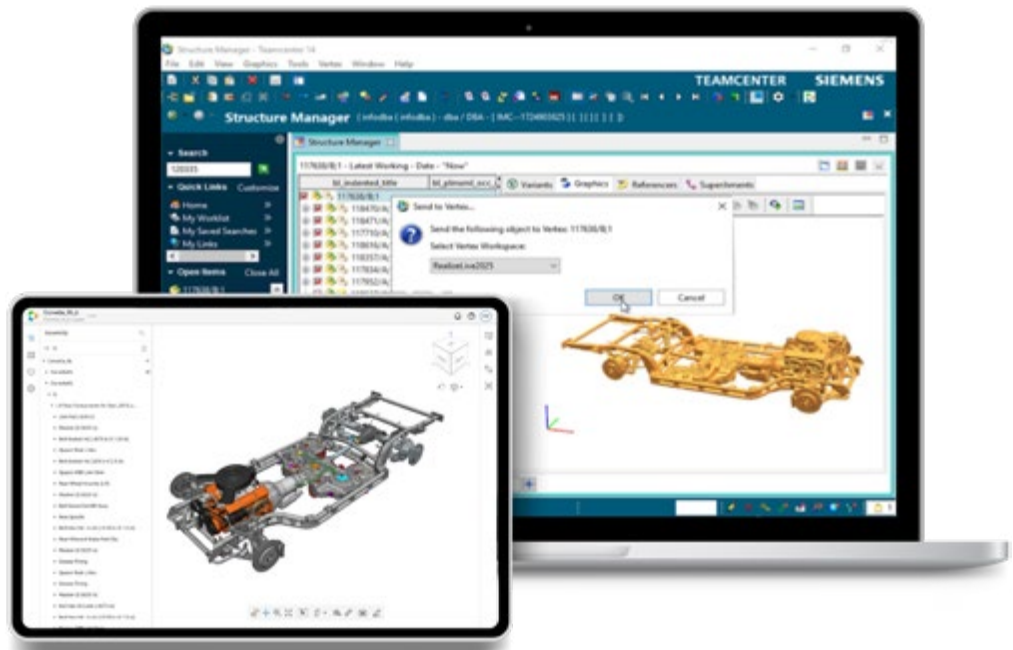
INSTANT 3D ACCESS

Visual-ready data delivers real-time 3D access via browser—pixels only, no installs, no plug-ins.



EASY APP INTEGRATION

Enables integration with current apps using the Vertex 3D Platform and the Vertex Engage Module.



The Vertex Difference

Zero Install We deliver a revolutionary zero-install, cloud-based approach to industrial 3D visualization that supports scale of use and quality never before thought possible.

Device Agnostic We are ideal for broadly distributed 3D solutions for mobile and low-power devices common to supply chain, sales, service, and factory workflows in multi-CAD and multi-PLM organizations.

Massive Models We enable fully-interactive visualization of large 3D models that are otherwise impossible to view even on today's most powerful computers. With Vertex, you can instantly view CAD or BIM data for full products and entire factories.

Combine Data with Ease We make direct integration with manufacturing data systems easy. Eliminate cumbersome data translation workflows required for 3D solutions. Merge data from multiple CAD, BIM, and PLM systems without intermediary files and storage systems and associate metadata from any source.

Quick Time-to-Value We provide turnkey web-based software and developer tools that make sharing 3D data and embedding 3D content in software applications fast and easy.

No Files We stream pixels, not part files, ensuring your IP is always under your control and protected from incidental disclosure.



About us

At **Vertex Software**, we believe 3D visualization is the premier communication medium for the future of human innovation. We strive every day to accelerate global innovation, discovery, and idea exchange. Our solutions drive customer satisfaction, grow market share, engage suppliers and partners, and energize employees.

See how **Vertex Sync for PLM** can scale your visual workflows.
Visit vertex3d.com/company/contact-us to get in touch.