vertex | VERTEX PUBLISH

Create Once. Reuse Everywhere.

Vertex Publish is a browser-based tool that empowers teams to create rich, interactive 3D scenes without needing CAD expertise. Whether you're building work instructions, service content, or training materials, Publish lets you transform CAD data into purpose-built content ready for deployment across the Vertex Platform.

With Vertex Publish, you can quickly produce visual experiences tailored to your business workflows and share them securely across the enterprise.

EMPOWER MORE USERS Enable teams across manufacturing, service, and field ops to quickly generate 3D visuals from CAD data—no CAD tools required.

IMPROVE DATA QUALITY & SECURITY Ensure CAD data accuracy and security with a single connected source of truth.

CONTENT READY FOR REUSE Publish 3D data to the Vertex Platform for reuse across any application in your ecosystem

SCENE CREATION Generate dynamic scenes from live PLM data, organized by product, configuration, or build state—always current and up to date.

ISSUE RESOLUTION Quickly isolate assemblies, find missing parts, and resolve BOM issues with instant replacements from the 3D library.

APPLICATION INTEGRATION Tag, review, and approve content in-platform, then embed 3D scenes anywhere with Vertex SDKs and APIs.

SNAPSHOTS Capture custom views with annotations and reuse them across apps and workflows for consistency.
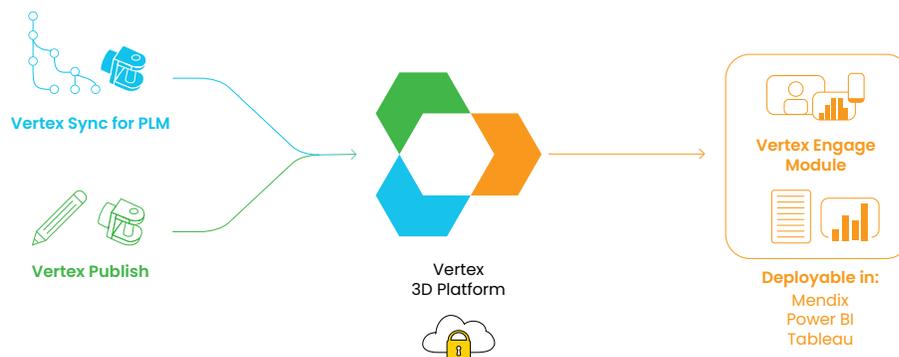
CUSTOMIZATION Reorient models, restructure BOMs, and duplicate or simplify parts to align visuals with your workflow.

SCENE STYLING Move and align components precisely, apply colors and materials, and adjust lighting for clear, branded visuals.

Vertex Sync for PLM

Vertex Publish

Vertex 3D Platform

Vertex Engage Module

Deployable in:
Mendix
Power BI
Tableau

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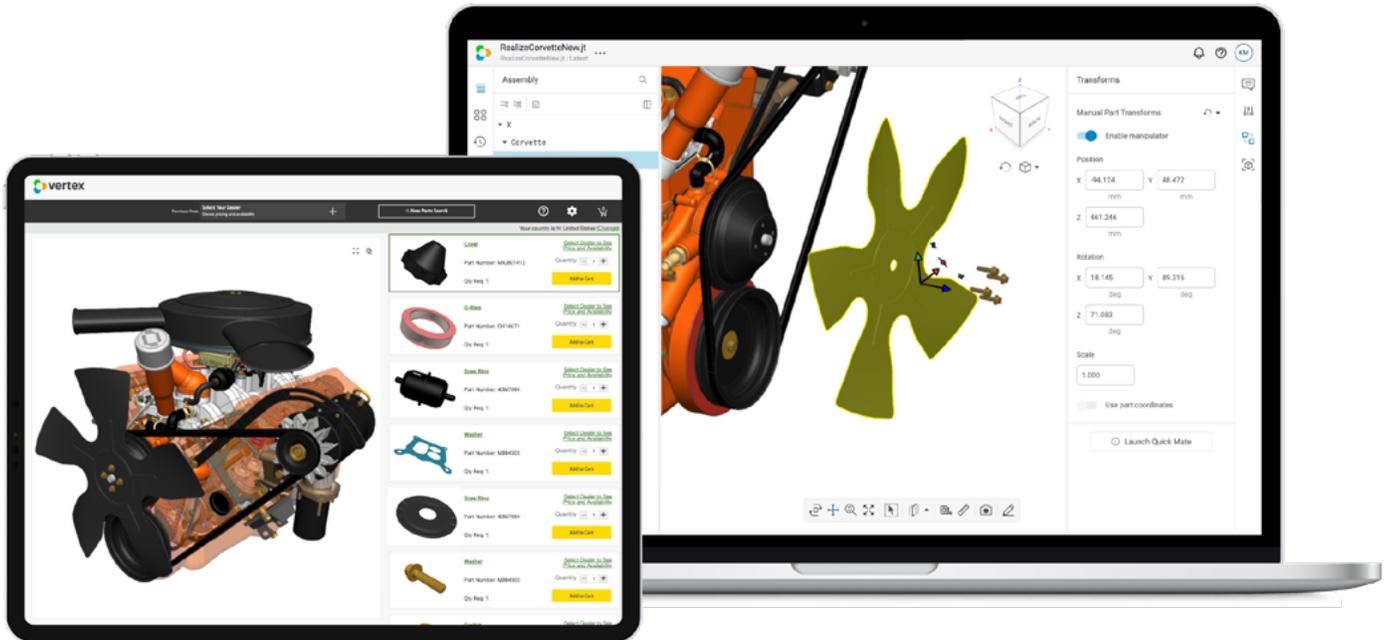
Device Agnostic We are ideal for broadly distributed 3D solutions for mobile and low-power devices common to supply chain, sales, service, and factory workflows in multi-CAD and multi-PLM organizations.

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 Publish** can scale your visual workflows. Visit vertex3d.com/company/contact-us to get in touch.

vertex

The Netflix for CAD