vertex · CONNECT™

3D COLLABORATION FOR EVERYONE

Vertex Connect™ is a revolutionary web-based app that enables you to share and collaborate with CAD and BIM data on any device; not just laptops and desktops but phones and tablets too. Onboard in minutes and start sharing 3D CAD data instantly.

IMPORT Upload any major CAD or neutral file format, track version history, and take complete control over how you share CAD data. Our data API supports direct integration with PDM, PLM, ERP, and MES systems.
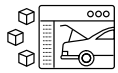
SHARED WORKSPACES Collaborate with coworkers using our secure approach for sharing CAD data and other file types. Create secure cross-org workspaces for suppliers and partners.

DATA SECURITY Benefit from our world class approach to security that keeps your data safe in the cloud and enables you to collaborate without needing to have any 3D data on your device.

METADATA Search and view metadata from CAD and other data sources to quickly identify, select, and operate on parts and assemblies.

MERGE MODELS Combine 3D CAD data from different file formats to create a unified full-product model for collaborating with suppliers and partners.

CROSS SECTION & MEASUREMENT Create cross sections and measurements of massive CAD data and share with collaborators instantly.
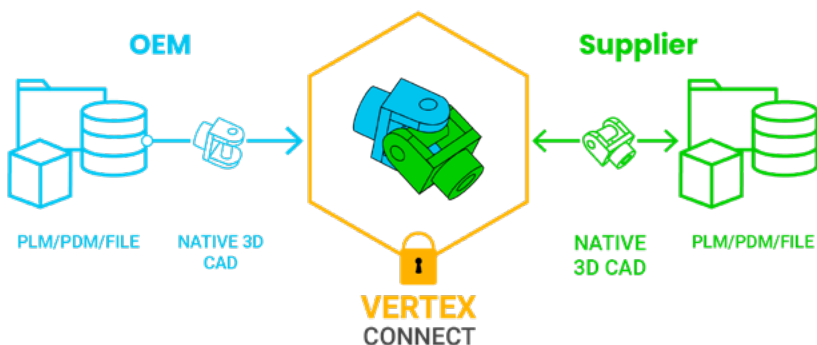
3D SNAPSHOTS Capture your camera view along with 3D transforms, material colors, and markups; including 3D pins, shapes, freehand drawings, comments, and text. Easily update snapshots with new model revisions.

VERTEX STORIES Share 3D snapshots and comment, markup, measure, and cross section together with your collegues. Create, track, and resolve issues, attach other file types, and selectively give collaborators access to cross sectioning, measurement, and model export.

3D EXPORT Export your entire model or a reduced-BOM to a neutral format regardless of the file formats you imported.

OEM

Supplier

PLM/PDM/FILE   NATIVE 3D CAD   NATIVE 3D CAD   PLM/PDM/FILE

VERTEX CONNECT

"The ease of which we can now share 3D models minimizes complexity by giving the customer a more thorough opportunity to review designs."

– Kyle Wiesner,
Engineering Manager, Terex Utilities

WHAT MAKES US DIFFERENT

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.

"No need for an engineering workstation, I can run it on my phone. We can show large complete models of our equipment on any device, anywhere."

– Ethan Roth,
Project Engineer, Vermeer

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.

Ready to try **Vertex Connect™**?
Visit vertexvis.com/try-connect to sign up for a trial.