vertex | Vertex Engage

Governed 3D Access

Enable Consistent 3D Workflows Across Applications

Product definition is governed in PLM, but PMI and model-based data are not operational across enterprise workflows.

Access to 3D is often achieved through exports, PDFs, or disconnected viewers. Making PMI visible, but not consistently usable. That model introduces interpretation gaps, duplicated logic, and inconsistent execution across applications.

Vertex Engage enables governed 3D interaction directly within enterprise applications. Turning PMI and product definition into operational, workflow-driven data.

Enable Embedded 3D Interaction

- Embed governed 3D directly into enterprise applications and workflows
- Enable inspection, validation, and collaboration without CAD tools
- Deliver consistent interaction across distributed users and systems

Make PMI Operational Across Enterprise Workflows

- PMI accessed directly from authoritative product definition
- No PDFs, exports, or manual interpretation layers
- Consistent interaction across applications and roles
- Product definition drives inspection, validation, and decisions

Standardize Enterprise Workflows

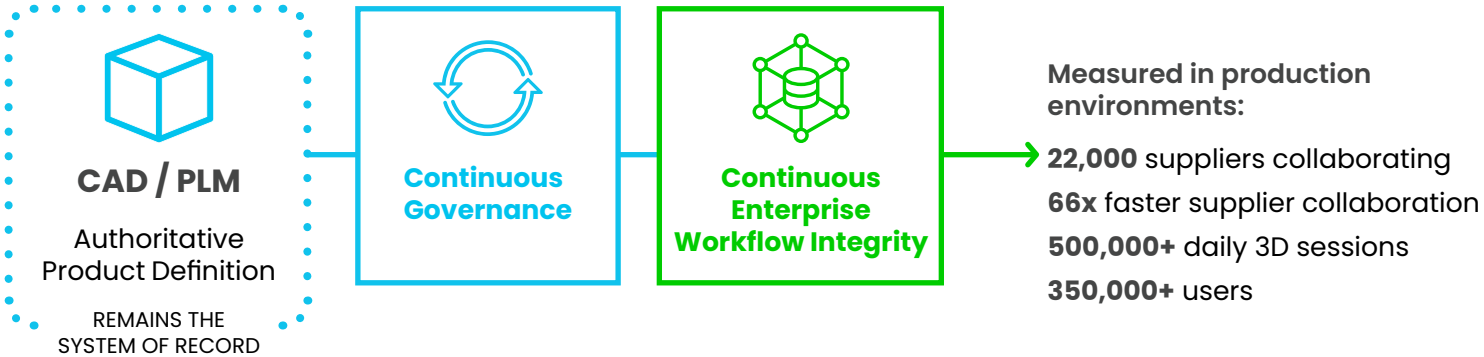
- Consistent inspection and review processes across systems
- Eliminate duplicated logic across applications
- Enable traceable, repeatable workflows across teams
- Foundation for automation and downstream decision-making

Maintain Alignment to PLM

- Interaction is based on authoritative product definition
- PMI and geometry remain aligned to PLM configuration
- No divergence between applications or downstream workflows

Governed 3D interaction makes PMI and product definition operational across enterprise workflows, without file-based access.

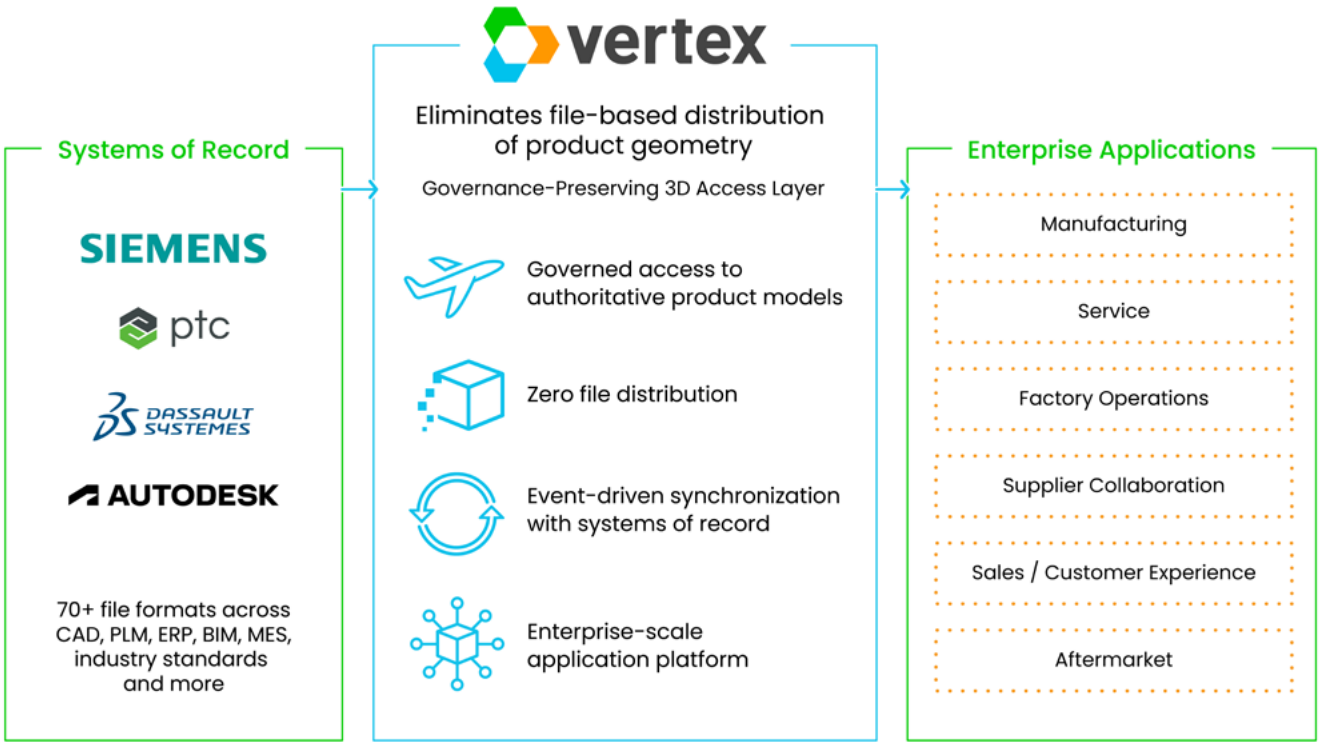
Proven at Enterprise Scale in Production Environments



How Vertex Engage Works

Vertex Engage operates within the Vertex governed 3D access layer. Enabling enterprise applications to embed real-time, PMI-aware interaction directly from authoritative product definition.

Users interact with live product data through streamed pixels, ensuring that PMI, geometry, and context remain continuously aligned to PLM, without file-based workflows.



Core Workflow Interaction Capabilities

Vertex Engage operates across four core interaction capabilities:

3D Inspection + Navigation

- Inspect full product assemblies with PMI context
- Measure, section, and validate against design intent
- Navigate complex products without CAD tools

Collaboration + Markup

- Capture views with PMI-aware annotations
- Enable shared understanding across teams
- Maintain context tied to authoritative product definition

Scene + Context Control

- Configure workflow-specific views with PMI context
- Search, filter, and isolate product structures
- Maintain consistency across applications

Application Integration Layer

- Embed PMI-driven 3D workflows via APIs and SDKs
- Integrate into enterprise applications and dashboards
- Standardize interaction across distributed systems

Request a demo to see how Vertex extends PLM governance in your environment—without file export

vertex
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