

Extend Governed 3D Access to Suppliers and Partners

Product definition is governed in PLM, but the digital thread breaks at file export, especially across supplier and partner ecosystems.

That model introduces configuration drift, uncontrolled data distribution, and loss of IP control.

Vertex Connect extends governed 3D access beyond the enterprise, without distributing geometry files to suppliers or partners. Enabling suppliers and partners to interact with authoritative product definition without receiving files.

Access is controlled, real-time, and continuously aligned to PLM configuration.

Provide Controlled External Access to Governed Product Definition

- Provide suppliers access to full product assemblies
- Eliminate CAD file exchange across organizational boundaries
- Support global ecosystems without distributing geometry

Maintain Governance Beyond the Enterprise

- PLM remains the system of record
- No uncontrolled duplication of technical data
- Access is permissioned, auditable, and revocable

Eliminate File-Based Supplier Collaboration

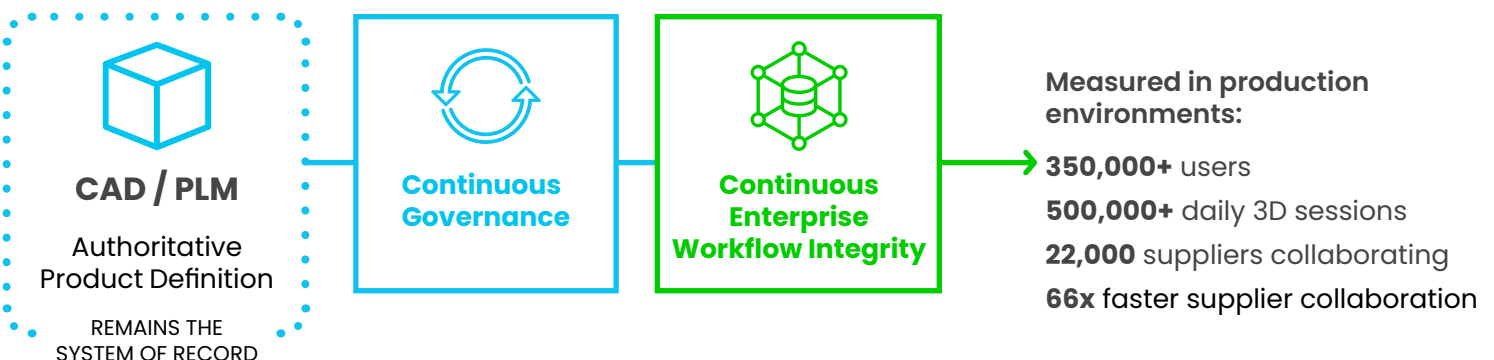
- No STEP, JT, or derivative file distribution
- No version reconciliation across organizations
- No parallel data pipelines for external access

Operate Across Complex Supply Chains

- Support multi-tier supplier ecosystems
- Enable collaboration across thousands of external users
- No need to rebuild access models per partner

Governed access delivered through pixel streaming. Replacing file-based exchange as the mechanism for supplier and partner collaboration.

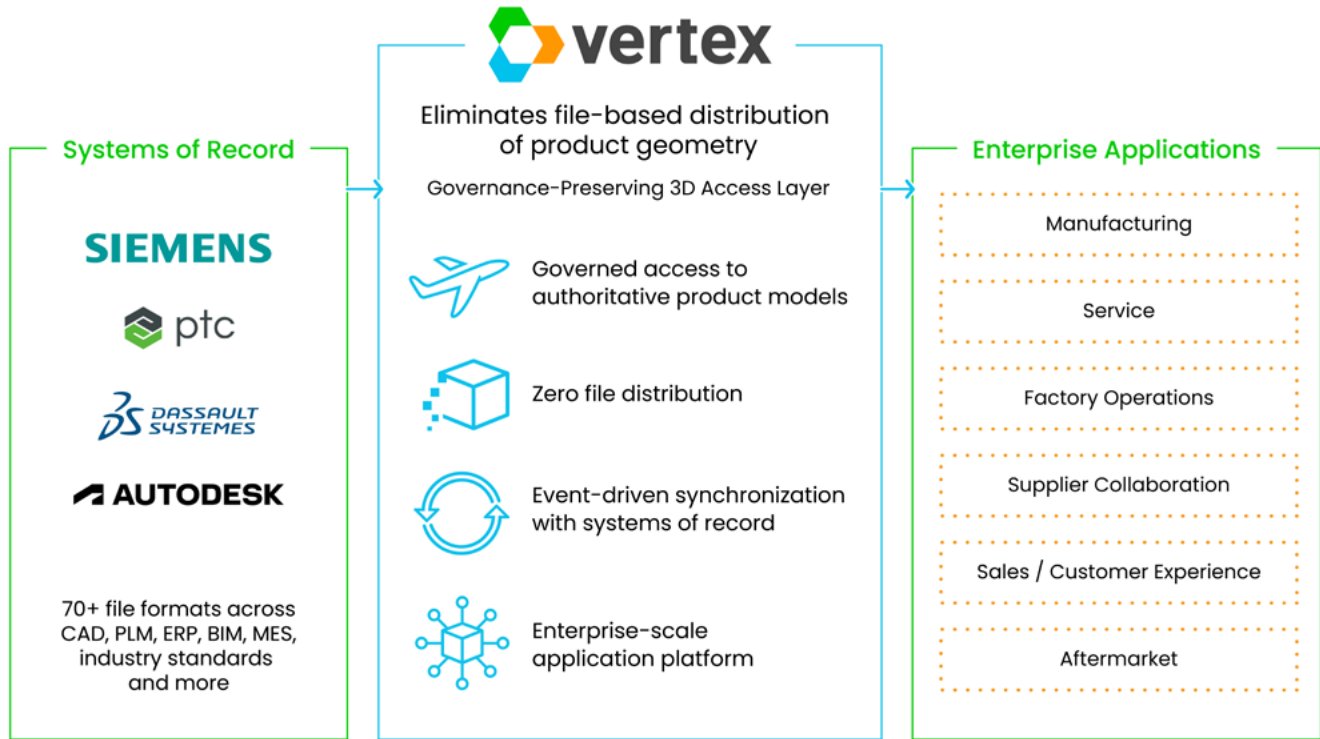
Proven at Enterprise Scale in Production Environments



How Vertex Connect Works

Vertex Connect operates within the Vertex governed 3D access layer. Extending controlled access to external users through pixel streaming and permissioned environments.

Suppliers and partners interact with live product data without file transfer, while continuous synchronization ensures alignment to PLM.



Core Ecosystem Collaboration Capabilities

Vertex Connect operates across four core ecosystem collaboration capabilities:

External Access Control

- Role-based access to product data
- Secure, session-based access to geometry
- No local file persistence

Configuration Alignment

- Access reflects current PLM configuration
- Engineering changes propagate automatically
- No divergence across organizations

Supplier Interaction Without File Exchange

- View, inspect, and navigate full assemblies streamed from authoritative systems
- Comment, markup, and communicate in context
- Maintain shared understanding without file exchange

Ecosystem Integration Layer

- Extends governed 3D access to external users
- Leverages continuously synchronized product definition
- Enables supplier and partner access without custom pipelines

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

