

## Operationalize Governed 3D Across Your Enterprise

Product definition is governed in PLM, but access often depends on exported files.

That model introduces configuration risk and limits how product data can be used across the enterprise.

**The Vertex 3D Platform operationalizes the governance-preserving 3D access layer across enterprise workflows—PLM remains the system of record.**

It renders directly from systems of record and streams context-aware pixels. Enabling applications, users, and partners to interact with the authoritative model without receiving files.

### Governed 3D Access Across Enterprise Workflows

- Manufacturing teams interact with full product assemblies
- Suppliers access current configurations without file exchange
- Service teams navigate complex products without CAD tools

### Power an Ecosystem of Applications on a Governed Access Layer

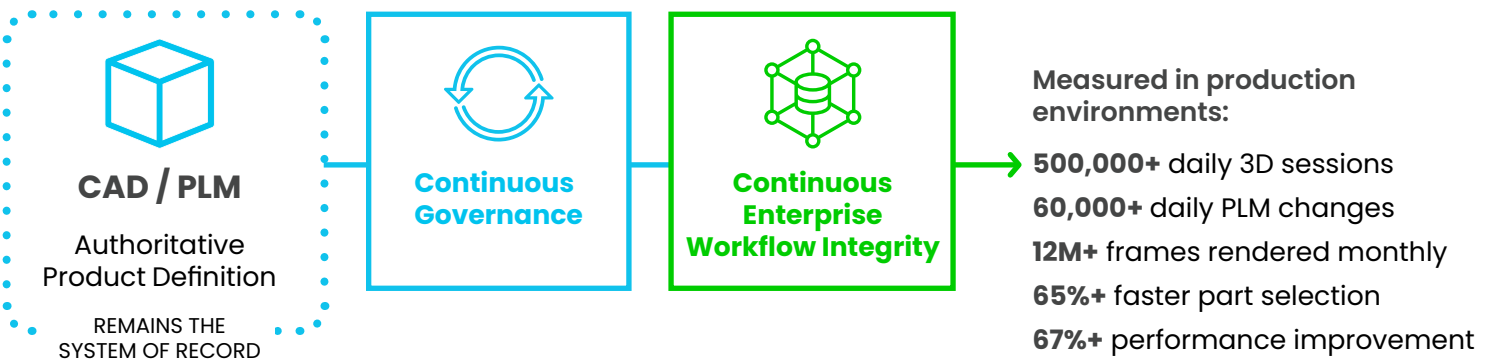
- One access layer powering:
  - supplier collaboration
  - manufacturing workflows
  - service and aftermarket
- No need to rebuild 3D pipelines per use case

### Deliver Always—Current Product Definition

- No version ambiguity
- No derivative lifecycle
- Always aligned to PLM configuration

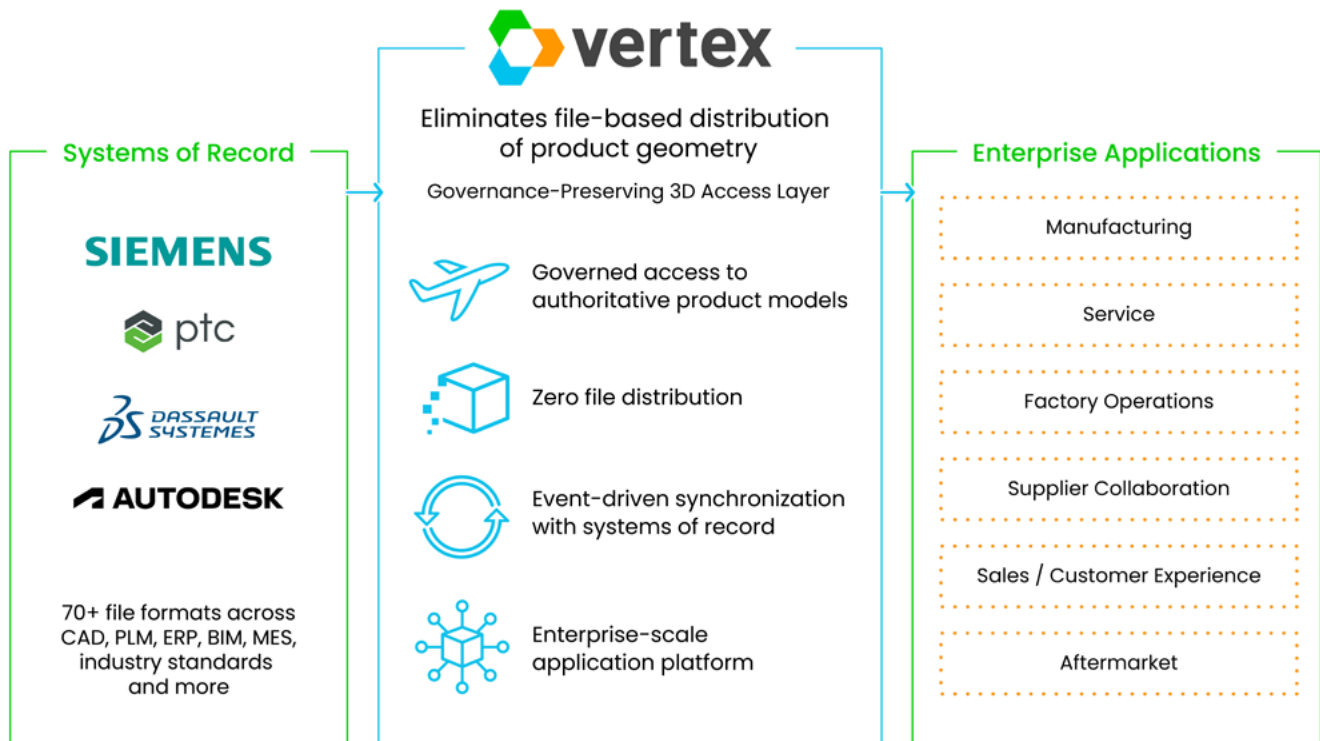
**All delivered through pixel streaming from authoritative systems, without file distribution and with continuous governance.**

## Proven at Enterprise Scale in Production Environments



# How the Vertex 3D Platform Works

The Vertex 3D Platform operates as a governance-preserving 3D access layer between systems of record and enterprise applications. Rendering from authoritative sources and streaming context-aware pixels without file distribution.



## Core Platform Functions

The platform operates across three core functions:

### Rendering + Streaming

- Rendering occurs in a controlled environment
- Context-aware pixels, not geometry files, are streamed to end-user devices
- Geometry is never downloaded or persisted locally

### Integration + Synchronization

- Event-driven synchronization with PLM
- Product definition remains continuously aligned to PLM
- No derivative file lifecycle
- PLM remains the system of record

### Platform Layer

- APIs and SDKs enable application development
- Supports multiple enterprise applications on a shared access layer

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

