PREVU3D

Our Products

RealityPlatform™

Centralized and secure cloud platform to manage, share, and collaborate on 3D scanning data (Terrestrial, SLAM, and drone), ensuring unified data governance and accessibility.

RealityPlan™

Optimizes engineering workflows by enabling EPC and AEC professionals to interact with 3D assets extracted from reality capture data, and accelerate project design and CAD work.

RealityConnect™

Native plugins eliminate time-consuming import/export processes, enabling bidirectional connectivity between Prevu3D and leading design, modeling, and infrastructure software:

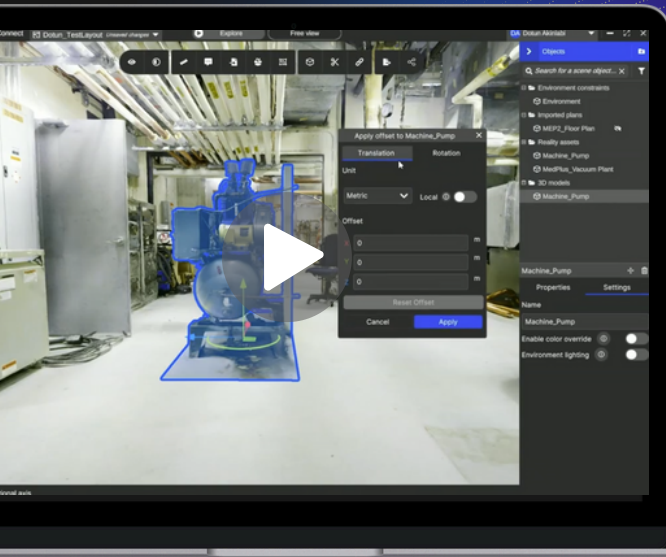**Design & Modeling**
Autodesk Revit, Autodesk Inventor, SOLIDWORKS

Plant & Infrastructure
Autodesk AutoCAD Plant 3D, Bentley MicroStation

Advanced Simulation
Omniverse

Bring Visual Context to Your Assets

Prevu3D is a leading **visual twin solution provider** that enables engineering, operations, and maintenance teams to seamlessly integrate, visualize, and manage reality capture data, CAD, and enterprise systems and provides visual context to all assets, improving decision-making.

Industries We Serve

Manufacturing & Automotive – Optimizing precision design, production efficiency, quality control, facility layout, and asset management, driving cost savings and operational improvements.

Oil & Gas – Improving safety, efficiency, and accuracy across operations, reducing downtime, cutting costs, and optimizing facility management.

Food Production & CPG – Streamlining operations, maintaining quality control, optimizing packaging and facility layout, improving maintenance, and enhancing supply chain efficiency.

AEC (Architecture, Engineering & Construction) – Enhancing design accuracy, accelerating construction workflows, optimizing facility planning, and enabling seamless collaboration for cost-effective, efficient projects.

Why Prevu3D?

Seamless Data Interoperability - Connects CAD, BIM, and enterprise systems like SAP and AVEVA.

Faster Engineering Workflows - Native integrations enable quick design iterations and as-built model accuracy.

Improved Project Execution - Reduces costs, accelerates planning, and enhances collaboration.

Scalable & User-Friendly – Intuitive 3D environment with cloud-based accessibility for all teams.

Flexible Subscription Pricing – Our subscription model ensures you pay only for what you need.

Key Use Cases

Facility Management

Maintain an accurate, up-to-date digital twin for asset tracking, inspections, and maintenance planning.

Engineering & Design

Validate designs, perform clash detection, and optimize space layouts before implementation.

Operations & Maintenance

Streamline workflows, enhance efficiency, and optimize asset utilization to improve overall facility performance.

Health & Safety

Train teams in an immersive digital environment, identify potential hazards, and ensure compliance with safety regulations.

Remote Collaboration & Virtual Site Visits

Train teams in an immersive digital environment, identify potential hazards, and ensure compliance with safety regulations.

Case Study Highlight.

Revolutionizing Turbomachinery Replacements

By utilizing real-time 3D scanning and the Prevu3D platform, RMS optimized the process through digital mapping, virtual assembly and proactive mitigation.

▶ Read the full case study here

7-day
Reduced downtime from 7 days to 0 by identifying issues before field execution.

100%
of potential issues by resolving installation challenges before field execution.

Get Started

Discover how Prevu3D can transform your engineering and operational workflows. Visit our website or contact us for a demo.

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