



View, share, and interact with 3D models from any system, combine 2D documents, metadata, and more from your PLM and ERP into an intelligent, lightweight viewable.



OUR VISUALIZATION PRODUCT FAMILY

PROSTEP's exclusive enterprise visualization software suite is designed to meet the needs of leading vendors, suppliers, and partners within the automotive, aerospace, and shipbuilding industries. PROSTEP 3D PDF and HTML5 technologies enable secure CAD viewing and collaboration for individuals, teams, and enterprise. PROSTEP visualization solutions remove the barriers and high costs of viewing CAD files and gives you **UNIVERSAL CAD ACCESS** to everyone who needs it – all viewed with the FREE Adobe Reader or in a web browser via HTML5.

It's common to see multi-faceted engineering environments utilizing numerous partners, developers, vendors, and suppliers. With the variety of systems and software, those involved in product development find it difficult to communicate complex data such as CAD drawings, assemblies, metadata, and more.

PROSTEP solves these challenges with a suite of proven tools built to easily illustrate your product information and securely share your intellectual property both internally and externally. Share product manufacturing information (PMI), full assemblies, create Technical Data Packages (TDPs), and more. Designed to enhance collaboration, the suite of software enables quick and easy viewing of CAD data and associated properties within a .PDF or HTML5 document.

PROSTEP Visualization Tools



Visualization Tools At-a-Glance

PROSTEP develops visualization solutions for the digitalization and automation of various business processes leveraging 3D PDF and HTML5. The solution set enables drawing-free manufacturing possibilities for a variety of use cases.

Here's What You Can Do:

- Connect to backend systems and automatically create customized, template-driven 3D PDF documents housing relevant CAD data, PMI, and more
- Merge different contents of data into different PDF 'containers' and password protect each
- Integrate AEM Forms to call web services, LDAP directories, and databases
- Integrate into existing ERP and PLM landscape to automate and create complex documentation
- Convert native 3D CAD data and embed into interactive 3D PDF documents easily viewed in Adobe Reader
- Animate 3D Models embedded in 3D PDF documents to visualize and show model behavior

Benefits:

- No installation effort or purchase of CAD system to view CAD data – view your 3D data with Adobe Reader
- Easily convert ANY CAD format into 3D PDF documents for collaboration
- Secured intellectual property by using digital rights management to control who and when users can view your document
- Easily integrated into PDM/PLM systems for the quick and easy export of customized, template-driven .PDF or HTML5 files
- Archive and retrieve digital product and technical information (CAD, PDM, CAE, visualization data, etc.) for long-term archiving and retrieval (LOTAR)

Our visualization product family comprises:

Server Tools

PDF Generator 3D

PDF Generator 3D is the server based solution for the automatic creation of 3D PDF or HTML5 viewables embedded with CAD, metadata, and other associated product manufacturing information (PMI). The solutions is easily integrated into your PLM or ERP landscapes for highly customizable 3D PDFs, Technical Data Packages (TDPs), bill of materials (BOMs), HTML5 CAD visualizations.

Tetra4D Automate

Tetra4D Automate is a simple server solution that enables you to generate interactive 3D PDF documents from PDM/PLM systems or your internal network. If you have a high volume of CAD files and you need an easier way to address communicating and sharing this data inside and outside your network, Tetra4D Automate is your solution. It allows you to easily deliver data to your users with far less IT effort. Tetra4D Automates also integrates with leading PDM/PLM, ERP or other networks.

Client Tools

3D PDF Pro

3D PDF Pro from PROSTEP is your solution for CLIENT based animation, enabling you to create animations from 3D data directly inside Adobe Acrobat. 3D PDF Pro showcases your 3D CAD models within 3D PDF documents. Expensive software is not necessary to open and explore your 3D CAD model. Further, your technical documents are always secure and managed, allowing you to decide if they should only be visible to specific users or if they should be accessible to everyone.

Tetra4D Enrich

Tetra4D Enrich allows anyone to create data-rich, interactive 3D PDFs inside of Adobe Acrobat Pro without the need for any programming expertise. With Tetra4D Enrich, you can share 3D CAD models and product data with anyone in your enterprise, including non-CAD users. Tetra4D Enrich is a plug-in to Adobe Acrobat Pro that shares CAD with interactivity using reusable, customized 3D PDF templates. Use cases include design reviews, sales and marketing presentations, parts catalogs, work instructions, technical data packages, engineering data release, design change notifications, RFPs and many more.

Tetra4D Converter

Tetra4D Converter visualizes your product data information by converting your 3D CAD data into the universal 3D PDF format without the use of a CAD system. You can open it anywhere using the free Adobe reader. Tetra4D Converter allows you to accurately convert 3D data from the latest versions of CATIA, Pro/E, SOLIDWORKS, Inventor®, and all other major CAD applications to 3D PDF directly inside Adobe Acrobat. Further, you can export precise geometric 3D CAD data to STEP, IGES, JT, STL, and Parasolid from all major CAD formats for use in downstream applications.

About PROSTEP Visualization Solutions

PROSTEP is the leading specialist for the digital transformation of your business processes. We use the original 3D PDF technology from Adobe Systems for paperless processes including all kinds of information. Merge 3D models from any CAD system, 2D documents of any kind and metadata from your PLM and ERP systems in intelligent 3D PDF documents or HTML5 web pages that can be viewed with Adobe Reader or any web browser. PDF documents can even be used for long-term archiving.

Based on PDF or HTML5 technology we offer ready to use solution bundles, e.g. Digital Data Package, Assembly Planning, Service Content parts catalogue.

All major CAD formats supported:

- STL
- IGES
- Autodesk Inventor
- CATIA V6 (3D-XML)
- CATIA V5
- CATIA V4
- CGR
- SolidWorks
- Universal 3D
- STEP
- IFC
- Pro/ENGINEER
- Creo Parametric
- JT
- NX
- I-DEAS-NX
- Parasolid
- Solid Edge
- ACIS

USE CASES:

- 3D Assembly Planning
- Building Information Modeling/ Management
- Spare Parts Catalogs
- Drawing-free manufacturing
- Request for quotes
- Change Process
- Visualization
- Sales Support
- Your custom use case.

*Supported formats continuously updated.

Get started with a **FREE TRIAL** of our software. Contact PROSTEP for additional details.

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Data Visualization Technology Partners

