

Top reasons to use Vault

Autodesk® Vault helps engineers, designers, and extended teams improve collaboration and speed up product development.

Autodesk® Vault manages design data and engineering processes in a central location helping your organization save time, avoid costly mistakes, and more efficiently revise and release designs.

01. CAD integration

Work without interruption with seamless integration between Vault data management and your design tools, such as Autodesk® Inventor® and AutoCAD®, including the Electrical and Mechanical toolsets. CAD integration makes it easy to manage data associated with your design from engineering through manufacturing – saving time and maintaining data accuracy.

02. Find data quickly

Find what you need when you need it with advanced intelligent search capabilities. Reuse files and reduce the need to recreate designs from scratch. Identify and eliminate part duplication using geometric search and improve productivity across your organization. Using Vault helps vastly reduce the time it takes to find information, so you can spend more time designing and less time searching for data.

03. Manage and track revisions

Vault helps ensure that everyone is working with the most up to date information in a system that automatically tracks changes, maintains past file versions, and captures the entire history of your designs.

04. Rapidly copy and reuse data

Stop manually recreating complex models and drawing sets and save hours of design time. Using Vault data management software, you can copy a design – including all related files and documentation – for use in a new design. It's easy to configure the files you want to replace, reuse, or copy.

05. Concurrent design and team collaboration

Product data in a single system allows cross-functional teams to design concurrently without overwriting files—as opposed to sharing product information through email, spreadsheets, and other isolated, manual methods that lead to lost data. Team members check out a design before making modifications, then check it back in when they're done. With everyone working together, you can better balance resources, speed up projects to completion, and meet tight deadlines.

06. Simple administration and configuration

Vault provides tools to manage your Vault server to maximize uptime. Intuitive administrative tools make server management easy for even those with minimal IT knowledge.



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07. Drive more standardization

Vault provides customizable tools for Vault administrators to help enforce organizational standards on data creation, review, and release processes, as well as industry standards like ISO 9000 and RoHS.

08. Create engineering BOMs

Create an engineering bill of materials derived from CAD design data to effectively track and communicate across departments the details of how a product was functionally designed.

09. Control data access

Help strengthen your data security with setting permissions that control what data people can access and edit based on their roles and the projects they belong to.

10. Collaborate with external stakeholders

Included in the Autodesk® Product Design and Manufacturing Collection, Fusion Team allows you to collaborate with customers, suppliers, and other external stakeholders associated with your project in one secure cloud-based workspace. Share native files and design updates while maintaining access permission control, versioning, and traceability.

11. Speed up remote design reviews

Share visual representations of your designs using the web-based tool, Autodesk® Shared Views, included with Vault Professional. Reviewers can see your designs in their web browser and zoom in, measure, redline, markup, and post their comments back to you.

12. Scale to multiple sites and your business needs

Multi-site functionality, available with Vault Professional, enables companies to synchronize design data among distributed workgroups, extending the reach of the design across locations, geographies, and the entire organization.

13. Automate release and change processes

Manual processes for release and change can lead to design project delays and shop-floor errors. Vault Professional gives design teams the choice of standard or configurable processes for release and engineering change order management, to help them avoid costly mistakes and remove bottlenecks.

Ready to learn more about Autodesk Vault?

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