Top reasons to use Vault

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

Vault manages design data and engineering processes in a central system, helping your organization save time, prevent expensive errors, and 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. Manage and track revisions

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

03. 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.

04. 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 avoid costly mistakes and remove bottlenecks.

05. 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.

06. 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 and duplicate 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.

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07. Simple administration and configuration

Vault's intuitive administrative tools make server management easy. With centralized control, administrators can easily deploy essential configuration settings such as grid view, saved search, and shortcuts. Plus, our tools make it simple to manage and distribute Inventor design data and templates directly from Vault to users.

08. 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.

09. 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.

10. 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.

11. Cloud and remote collaboration

Stay connected and productive wherever you need to work. Access Vault data securely without the need for a VPN connection using the Vault client and mobile app with Vault Gateway. You can also use Autodesk® Fusion Team with the Project Sync feature in Vault Professional to collaborate with customers, suppliers, and other external stakeholders associated with your project in one secure cloud-based workspace.

12. 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.

13. 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.

Ready to learn more about Autodesk Vault? Visit our solution center