Autodesk® Vault 2015

Top reasons for IT managers to choose Autodesk Vault

Protect your company's most valuable assets

Autodesk Vault helps your engineering teams manage, track, and organize their product design data

▸ Protect your intellectual property

The CAD files your engineers create are the source code for every product you make—they need to be protected. Autodesk® Vault software helps you safeguard all your product design data, documentation, and communications in a single, central location. Once all the files are in one spot, it's simple to protect your data using the built-in tools for backup and restore that can be accessed through the administrator console or automated via the command line. You also have the option to build or use custom solutions for data backup and recovery through the Vault API.

▸ Reduce file version clutter

The "Save As" workflow used by engineers to version designs typically leads to thousands of files sitting on your servers that are nearly indistinguishable from one another. Autodesk Vault automatically versions files on check-in and can generate a preview, include a description, and log the "who" and "when" of any changes being made—making it easy for engineers to find the version they want on their own. This also reduces the burden on your servers by eliminating unnecessary versions from the file store.

Management of product design data
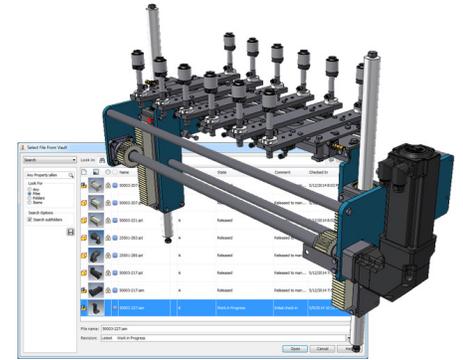
▸ Improve network performance

Vault uses a local user workspace to reduce network traffic and help ensure files are not corrupted during times of heavy network utilization or reduced capacity. Rather than opening large CAD files directly from a location on the network, files are downloaded once with intermediate saves occurring locally. You can check a file back into the server at any point in the design process as a new version. Vault Workspace Sync can be used to automatically keep the contents in the local workspace current, helping to ensure your engineers are always working with the most up-to-date information.

▸ Delegate administrative tasks

With Autodesk Vault you can provide your CAD and engineering managers as much or as little administrative responsibility as desired so they are less dependent on IT to manage day-to-day content and configuration. New user accounts, assigning and defining permissions and roles, data organization, and engineering standards enforcement can all be delegated and accessed through the Vault client. This helps increase adoption within the engineering teams and reduces the additional IT resources required for implementation and ongoing maintenance.

Version and revision management
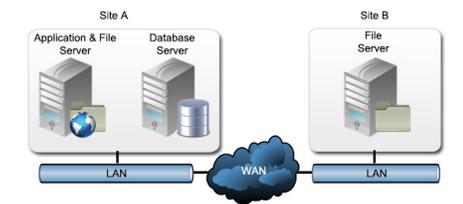
▸ Standardize across multiple engineering sites

When engineering teams are distributed across different sites, the difficulties in managing design data become magnified. The multisite capabilities included with Autodesk Vault help users in different locations work as if they were all in one place. You have complete control over what data gets replicated, replication priority, and the schedule for replication and backups to best meet the needs of your engineers and to suit the capabilities of your network.
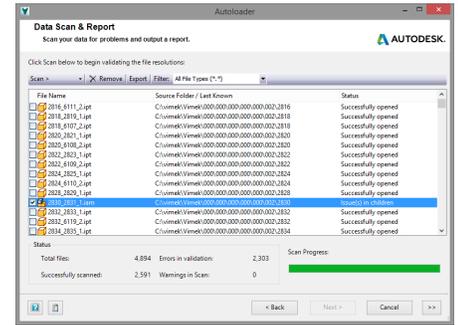

Multisite configuration

AUTODESK®

▣ Straightforward deployment

Vault can be deployed using the standard installation executable on each client, or you can opt to use network deployment software such as Microsoft® System Center Configuration Manager (SCCM), batch files, or system images. For products and suites that include Vault Basic, installation files are already included and can be easily deployed at the same time as your design software.
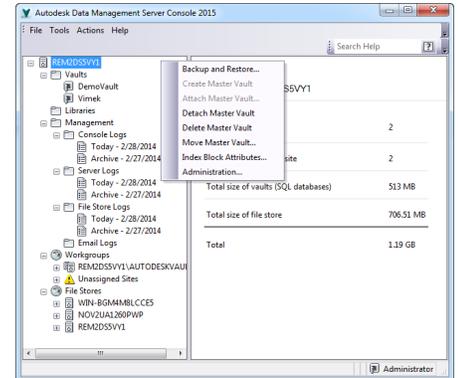

Autoloader utility

▣ Fast data loading

Populating Vault with thousands of existing design files is simple with the Autoloader utility. Autoloader checks all files as they are populated into the database to ensure references are maintained and issues are reported for any data integrity issues that may require attention. During bulk-loading, Vault extracts all attribute and property data so files can be indexed and searchable.

▣ Built-in system maintenance

Autodesk Vault includes built-in system maintenance tools and capabilities for tuning performance. This includes backup validation to ensure files have a valid database reference and each reference has a valid file; database indexing to increase access speed by repacking the index into a contiguous section of storage space; and defragmentation to maintain optimal system performance. You also have the option to use third-party applications to customize your maintenance approach.
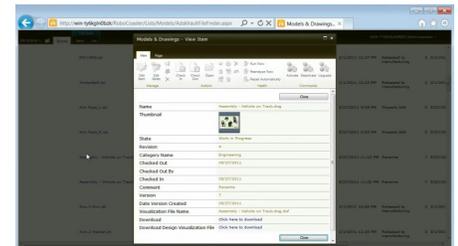

Vault Data Management Server Console

▣ Single, upgradeable platform

All levels of Autodesk Vault are built on the same platform using the same database foundation so you can add more capabilities for your engineering team without rearchitecting the entire deployment. In addition, moving from one version of Vault to the next is done using a "server first" method, so you can upgrade the server while your engineers continue to use previous versions of the Vault Client and plug-ins, giving you more flexibility in upgrade execution.

▣ Integrate with your other business systems

Establish links between Vault and all your other critical business systems using Jitterbit as a central hub for creating and maintaining integrations to ERP, MRP, CRM, or virtually any on-premise or cloud application. Vault can also be connected to Microsoft® SharePoint® collaboration software so extended team members can search, preview, and download visualization files while participating in engineering processes.
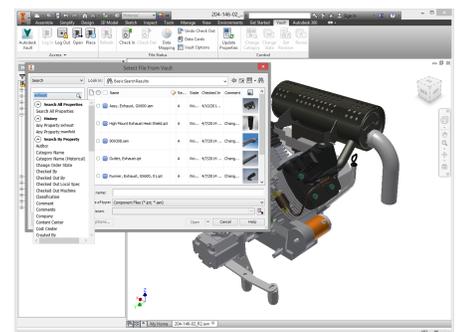

Microsoft SharePoint integration

▣ Customize your deployment

Vault supports either single server or distributed application server environments, giving you the option to run separate database (SQL), file storage, and web (IIS) servers based on your existing IT infrastructure.

▣ Your engineers will love it

Getting your engineers to actually use a new tool—regardless of how much it will benefit you or the company—is oftentimes the most difficult part of an implementation. Autodesk Vault eases the adoption curve as most activity occurs directly inside the design applications they already use today. In addition, Vault makes life as an engineer easier since it's faster to search for and find data, copy designs, capture design history, and manage change and release processes.

Autodesk design software integration

Now is the time

Learn how Autodesk Vault can accelerate and manage your Digital Prototyping process at:
www.autodesk.com/vault

To locate the reseller nearest you, visit www.autodesk.com/reseller.

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