

**Autodesk®**  
Vault Workgroup

Manage your entire design.



# Stay In Control

Imagine finding design data in seconds. Sharing digital prototyping information securely with team members across the world. Knowing who revised designs—and when.

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Part of the Autodesk solution for Digital Prototyping, Autodesk® Vault Workgroup data management software helps you keep track of all your digital design data. It securely stores and manages data in a central location, helping teams quickly create, share, and reuse digital prototyping information. With Autodesk Vault Workgroup, you'll spend less time chasing down files and more time creating innovative designs.

### Connect Your Teams

Enhance team productivity with support for team-based design. Autodesk Vault Workgroup lets you work closely with others on projects without putting design data at risk. Multi-user functionality lets you control access to design data so your entire workgroup—from managers to engineers and designers—can participate in the design process. You track and manage all data related to each digital prototype in one secure, central location. And because Vault Workgroup integrates with Autodesk design applications, it's easier and faster than ever to manage accurate data from concept through manufacturing.

### Improve Productivity

You don't need to recreate the wheel. Autodesk Vault Workgroup includes tools that help you reuse data and minimize rework, so you can develop products faster. Instead of starting a complex model or drawing set from scratch, use a similar digital prototype as a starting point for a new design. Vault Workgroup improves productivity with functions designed to help you track, find, and organize data quickly. Saved searches and shortcuts speed up data search, while productivity tools let you manipulate design files without breaking application-specific links. And data organization tools let you control indexing and access across file types—so you can improve data sharing and searching based on property sets.

### Control Revisions

Making changes doesn't have to interrupt your workflow—you can control design iterations from within your design application. Vault Workgroup captures the history of design concepts, so you can push the boundaries of your work, or revert to older revisions if needed. Then use Vault Workgroup to secure, release, and track data revisions—granting team members access to only the correct revisions of the files. With Vault Workgroup, you maintain control over the digital prototype as it moves through the design and production process.

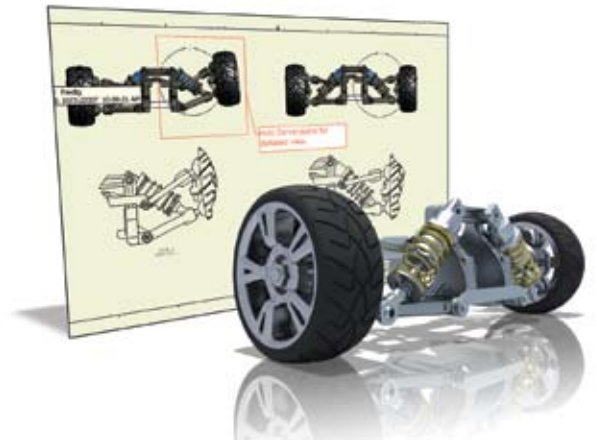
### Data Management Capabilities

Autodesk Vault Workgroup accelerates development cycles and optimizes your investment in design data with features that help you organize, manage, and track key design and release management processes. An enhanced set of features meets the requirements for:

- Data management for workgroups
- Data search and reuse
- Administration and configuration
- Revision Control



Image courtesy of Wipaire, Inc.

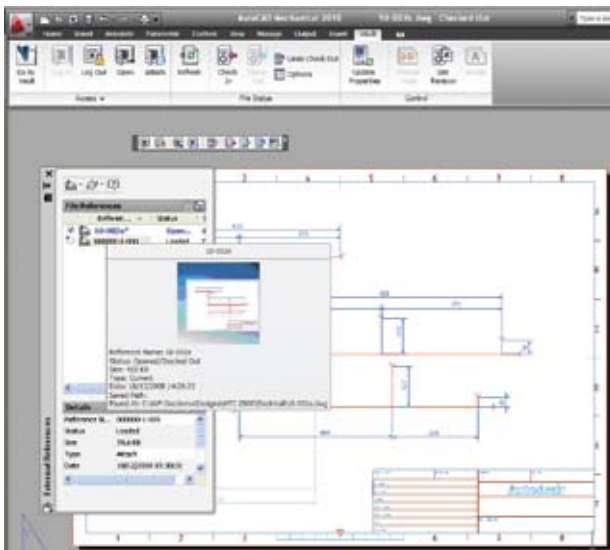


# Data Management for Workgroups

Vault Workgroup improves team productivity without disrupting natural design workflows.

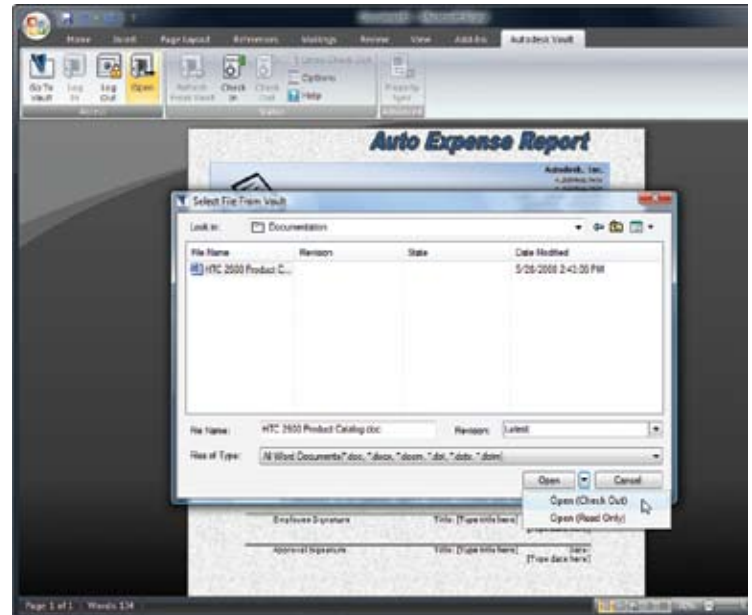
## Best-in-Class Integration with Autodesk Design Software

Integrate Autodesk Vault Workgroup with Autodesk design applications such as Autodesk® Inventor®, AutoCAD® Electrical, AutoCAD® Mechanical, and AutoCAD® software. Deep integration makes it easy to manage data associated with your digital prototype from engineering through manufacturing—saving time and ensuring data accuracy.



## Manage Microsoft Office Documents

Vault Workgroup is fully integrated with Microsoft® Office®. As a result, it's simple to manage all aspects of digital prototyping, including specifications, calculations, and presentations. Your entire workgroup can collaborate on product development, so you get to market faster.



## Concurrent Design

Team members can work on a digital prototype without overriding each other's data thanks to multiuser functionality. 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 projects to completion, and meet tight deadlines.

## Vault Access for Nondesigning Workgroup Members

Allow the entire workgroup to participate in the design process, including non-CAD users. When access is granted, team members can add, review, and manage data relevant to the digital prototype, whether they are in management or other design disciplines.

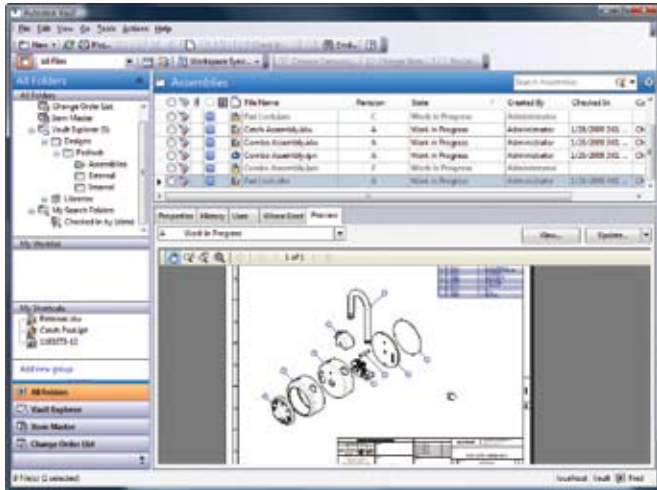


# Data Search and Reuse

Shorten product development time—don't waste your work. Vault Workgroup helps you find digital design data, and reuse it whenever possible.

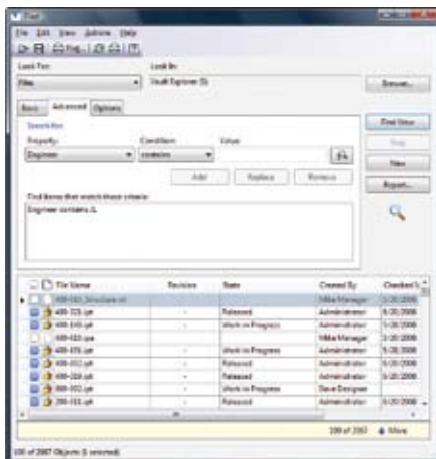
## Preview Interactively with Autodesk Design Review

Publish design data as DWF™ files so non-CAD users can view, print, and mark up them up in Autodesk® Design Review.



## Quick and Simple Searching

Use a range of methods, such as saved searches and shortcuts, to find and organize data. Vault Workgroup vastly reduces the time it takes to find information, so you can spend more time designing and less time hunting for data.



## Optimized Data Reuse

Save hours of design time—stop manually re-creating or duplicating complex models and drawing sets. Vault Workgroup lets you copy a digital prototype—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.

## Productivity Tools for File Maintenance

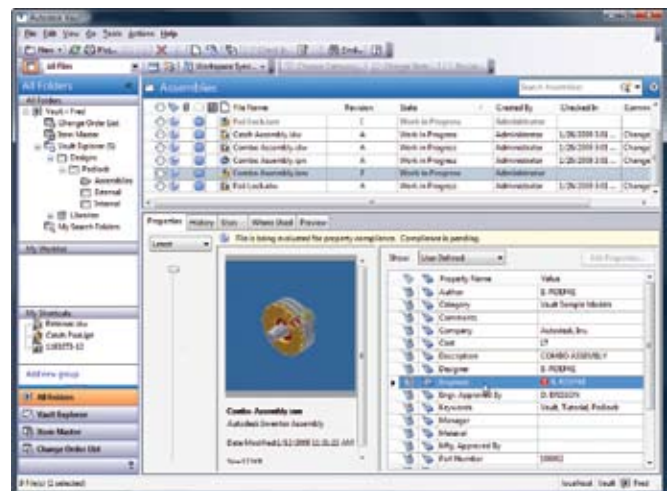
Edit and manipulate design files without breaking important application-specific links such as AutoCAD® X-Refs or Autodesk® Inventor® file relationships. By maintaining design integrity, you save hours of manual cleanup work.

## Immediate 'Where Used' Analysis

Understand the impact of a design change on multiple projects—before you make it. Track relationships between design files, and view where specific files are used in each project.

## Improved Data Organization and Search with Property Management

Control property indexing and access across all file types. Specify which rich attribute, text, and property data embedded in design files is captured and exposed for data organization.



# Revision Control

Keep control of revisions, from inside your design application. Vault Workgroup tracks changes and revisions, reducing manufacturing and design errors and speeding cycle times.

## Utilities to Batch-Plot Design Data

Create, manage, and reuse print or plot jobs for all managed files. Autodesk Vault Workgroup fully supports watermarking and stamping, so you spend less time on administrative tasks.

## Design Concept Exploration

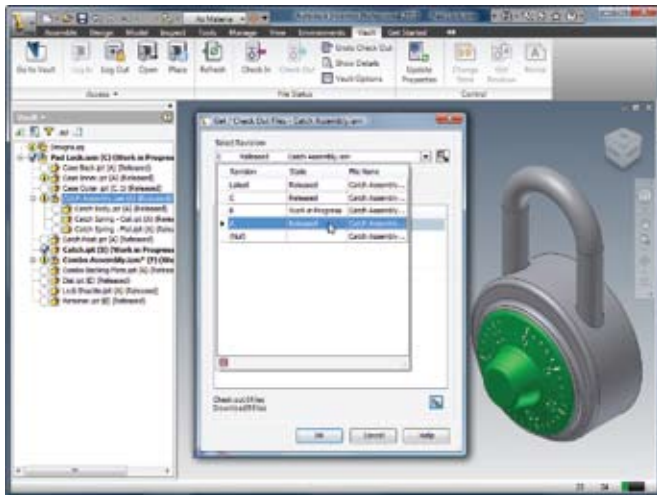
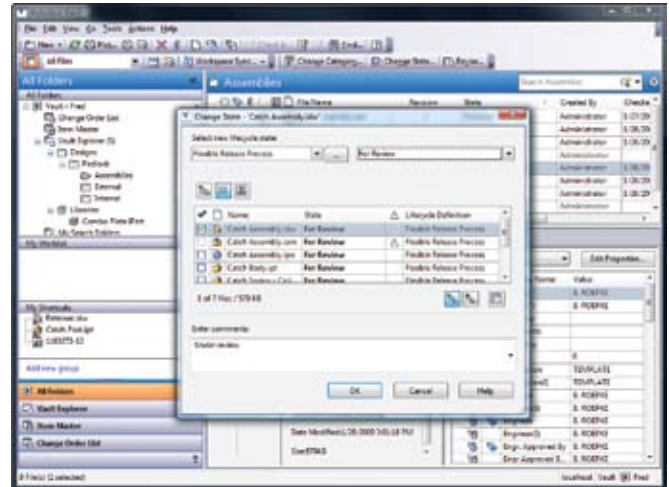
Capture the history of your design concepts with Vault Workgroup. You can iterate new ideas or revert to old ones, arriving at a final digital prototype quickly. Create labels or snapshots that make it easier to reference and restore designs. You'll reduce the overhead, errors, and lost data associated with manual backup and copy methods.

## Intuitive Revision Management

Capture revision history of your vaulted data, as you make continuous improvement to your designs. With design history at your fingertips, users can easily find old drawings for reference or printing. Reduce the chance for design and manufacturing errors by applying security to the data revisions, granting access to the 'correct' revision of a design to only those users who need access.

## Manage Data Security from Design Concept to Retirement

Manage critical aspects of design data at every stage of the lifecycle to control data security and enforce property standards. Security management gives the right people access to the right data at the right time.



# Simple Administration and Configuration

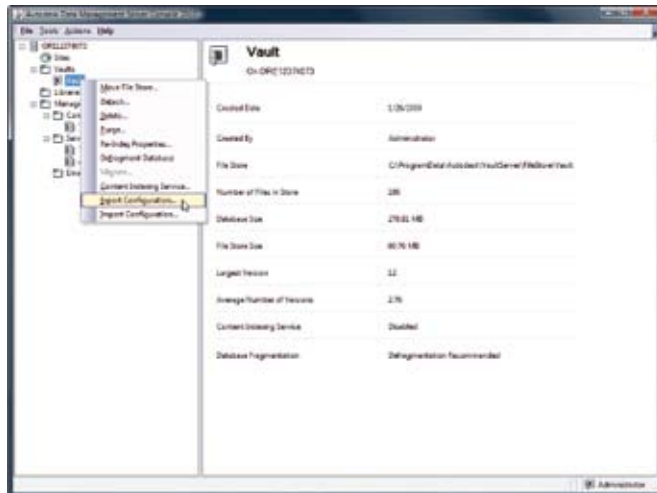
Deploy Autodesk Vault Workgroup quickly to start enjoying the benefits of effective data management right away.

## Simple Data Loading

With Autodesk Vault Workgroup, it doesn't take much effort to rapidly load large quantities of design data and supporting documentation with the included Autodesk Autoloader utility. It's easy and quick to gather, analyze, prepare, and load data from Autodesk Inventor software and AutoCAD software, plus flat-file data such as PDF and TIFF files. You can even detect and repair missing references and remove duplicate files.

## Easy Administration

Autodesk Vault Workgroup provides tools to manage your Vault server, so you experience maximum uptime. Intuitive administrative tools make server management easy for even those with minimal IT knowledge.

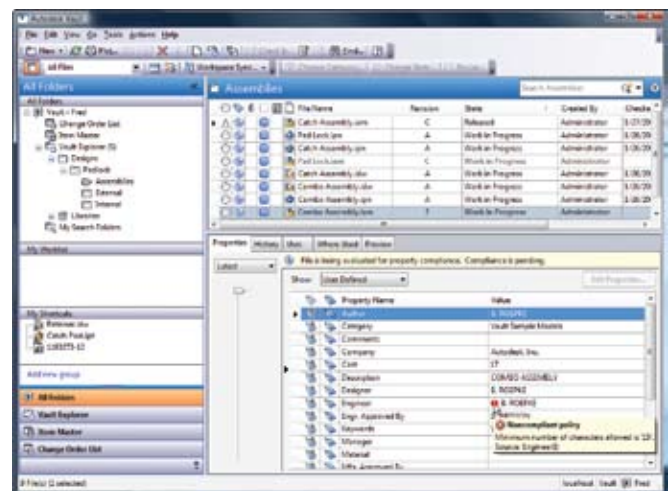


## Configurable Security and Access Control

Secure your designs by folder or even by file; Vault Workgroup allows control over who can access and change files based on the status of the design, with different rights being granted or denied to drawings depending on whether they are in-process, released, or obsolete. Flexible security allows you to control who, where, and when users have access to data, so that the right users always get the right data at the right time.

## Support for Company Standardization

Vault Workgroup makes it easy to meet your company standardization goals. Use property policies and automate file naming, data categories, and behaviors. Vault Workgroup facilitates adherence to standards such as ISO 9000 and RoHS.



# Autodesk Vault Family of Products

The Autodesk Vault product line, part of the Autodesk Solution for Digital Prototyping, helps design, engineering, and manufacturing workgroups manage the digital prototyping process by helping users reduce time organizing files, avoid costly mistakes, and more efficiently release and revise designs.

## Autodesk® Vault Workgroup

Autodesk® Vault Workgroup, part of the Autodesk solution for Digital Prototyping, helps design teams easily create and share digital prototyping information by securely organizing, managing, and tracking data from a central location. Design teams can administrate access and control, allowing team-based development across disciplines to quickly find and track the when, why, and who of design changes. Team-based collaboration helps users gain productivity without disruption to their natural design workflows. In addition, Vault Workgroup delivers revision and lifecycle control processes directly in the design application, which results in faster cycle times and better-quality engineering data.

## Autodesk® Vault Collaboration

Autodesk® Vault Collaboration, part of the Autodesk solution for Digital Prototyping, has all of the functionality in Autodesk Vault Workgroup and includes an advanced toolset providing administrators with the scalability needed to manage large workgroups. Share engineering design data with the shop floor with the included web client and expose design related information to the extended enterprise by publishing to Microsoft SharePoint. Multi-Site functionality enables companies to synchronize design data among distributed workgroups, extending the reach of the digital prototype to the entire organization.

## Autodesk® Vault Manufacturing

Autodesk® Vault Manufacturing software, previously known as Autodesk Productstream®, includes all of the functionality of Vault Collaboration plus additional tools, helping to shorten the design-to-manufacturing process. It helps design, engineering and manufacturing departments collaborate and share digital prototyping information with multisite tools to connect workgroups across discrete locations. Take full advantage of advanced functionality by giving design departments the tools they need to track engineering change orders, manage bills of materials (BOMs) and promote earlier collaboration through data exchange with other business systems.

Functionality	Autodesk® Vault	Autodesk® Vault Workgroup	Autodesk® Vault Collaboration	Autodesk® Vault Manufacturing
File Management Tools	•	•	•	•
Single Workgroup	•	•	•	•
Fast Searching	•	•	•	•
Autodesk CAD Integrations	•	•	•	•
Data Reuse Tools	•	•	•	•
File Revision Control and Lifecycles		•	•	•
Automatic File Naming		•	•	•
Access for Non-CAD Users		•	•	•
Utilities for Batch Plotting		•	•	•
File and Folder Security		•	•	•
Multi-Site Replication			•	•
Read-only Web Client			•	•
Reporting			•	•
Server Based DWF Publishing			•	•
Bill of Material Management				•
Engineering Change Management				•
Coexist with Enterprise Business Systems				•

\*AutoCAD®, AutoCAD® Mechanical, AutoCAD® Electrical and Autodesk® Inventor® include integrated data management with Autodesk Vault software, a centralized application for workgroups that securely stores and manages work-in-progress design data and related documents.

# Digital Prototyping for the Manufacturing Market

Autodesk is a world-leading supplier of engineering software, providing companies with tools to experience their ideas before they are real. By putting powerful Digital Prototyping technology within the reach of mainstream manufacturers, Autodesk is changing the way manufacturers think about their design processes and is helping them create more productive workflows. The Autodesk approach to Digital Prototyping is unique in that it is scalable, attainable, and cost-effective, which allows a broader group of manufacturers to realize the benefits with minimal disruption to existing workflows, and provides the most straightforward path to creating and maintaining a single digital model in a multidisciplinary engineering environment.

## **Learn More or Purchase**

Access specialists worldwide who can provide product expertise, a deep understanding of your industry, and value that extends beyond your software purchase. To purchase Autodesk Vault software, contact an Autodesk Premier Solutions Provider or Autodesk Authorized Reseller. Locate a reseller near you at [www.autodesk.com/reseller](http://www.autodesk.com/reseller).

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