Altium Vault 2.0

The power of your components, design data, and work flow at your fingertips

Getting your product to market is a process that is so much more than simply designing a board, and involves so many more people than just designers. Altium Vaults unify your organization's components, design data, and environments from inside the Altium Designer interface for your whole organization so you are able to get your product to market faster, without sacrificing integrity.

The Altium Vault family of enterprise products provide a centralized platform to support your design teams and your entire company to easily manage and automate all the small yet crucial details that take time away from designing.

Key Features & Benefits

Altium Vaults can help to achieve your design goals by connecting all facets of the electronics design process together, allowing all members involved in a design project to maintain data integrity without inhibiting their ability to be innovative and productive.

Component Management

By managing components in the Vault, everyone involved in the design process has controlled access to all relevant component data they need to ensure the best decisions are always being made. The Vault provides real-time supply chain, component approval, and life-cycle status information to the whole team. Designers, managers, procurement officers, and manufacturing partners are able to increase efficiency, reduce cost, and get products to market faster.

Data Management

When storing all design data in one database, it becomes possible to easily analyze and manage your data in ways that would otherwise be incredibly tedious. Proper data management allows for formal revision and release control in a manageable and scalable way, where the engineer only has to check-out and check-in files; all documentation and versioning is automated. Just like components, a centralized location for all your design data naturally lends itself to design reuse of templates and reference designs.
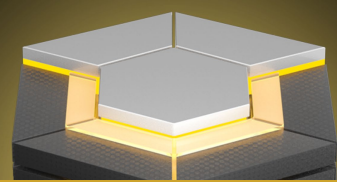
Managed Projects & Collaboration

Maintaining data integrity is an inherent concern when collaborating. Proper documentation of work done by collaborating members is essential to ensuring data integrity, yet presents a potential burden on engineers. The Altium Vault helps the standardization and automation of much of the documentation and collaboration process by keeping detailed records of changes, allowing for commenting, and even providing a platform for real-time PCB design collaboration on the same board.

Infrastructure Management

The Altium Vault provides your IT department with the ability to completely control the environment of your entire design team. You are able to establish and enforce your corporate workflow, ensuring every member of the team is working from the correct templates and connecting to and storing data in the Vault. Once in the Vault, backups and recovery are easy to maintain from a single, structured location. You can even manage your Altium Designer license and installations from an easy to use network administrator interface.

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Feature Highlights

The latest release of the Vault includes a number of feature enhancements designed to streamline your work flow so your engineers and designers can focus more on what really matters: getting products to market on time.

Secure, Self-hosted Solution	The Vault runs securely on your network, completely under your IT department's control. Installable on a local server, in your data center or in a cloud provider data center, you have total flexibility to manage location and backups. You also have the option to leverage your existing Oracle®[1] infrastructure.
Component Management	A centralized system for the development and management of components and component supply chain data.
Seamless Integration with Altium Designer	Altium Vaults integrate seamlessly with Altium Designer to provide the information your designers need to make intelligent design decisions and part choices, when and where they need it. For administrators not using Altium Designer, a powerful, independent browser interface allows your entire organization to coordinate on projects together.
Design Reuse	Store all your templates, components, past and present designs in the Vault so that all your designers have access to the same, verified and managed design data for design reuse, further reducing your time to market and potential for costly mistakes.
Fileless Editing	Directly edit and manage component revisions in the Vault without needing to maintain a local copy, ensuring a single data source and reducing confusion.
Component and Design Lifecycle Management	Set custom status for your organization's components, designs and templates in the Vault to ensure that only approved, current revision data is released. Use powerful Where-Used search tools allowing you to understand the impact as the lifecycle status changes.
Live Component Supply Chain Solutions	The Vault can link to the largest parts distributors, as well as your own internal parts database or ERP through an ODBC connection, to provide part availability and costing information to your designers in real-time, allowing them to make intelligent and cost conscious parts choices.
Version Control & Managed Projects	Version control and other project management services are built in to the Vault so that versioning, documentation, file storage, commenting and status notifications can all be managed, standardized and enforced.
Collaboration Services	Services necessary for collaboration and real-time concurrent PCB design can be run in the Vault, simplifying the network infrastructure installation and management so your team can take full advantage of everything Altium Designer has to offer.
Team Configuration Center	Customize, manage and control the Altium Designer environment preferences for your entire team to force appropriate template usage and output settings in adherence with defined policies.
Network Installation Server	Install Altium Designer on your team's machines from a repository hosted on your network for a consistent, managed installation process and environment.

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