Introducing Altium Vaults

Effectively and efficiently managing design data for an entire electronics product design is challenging work.

Files released to a manufacturer need to be completely up to date. Reused design elements should be ones that have a proven track record. Components being designed-in need to be viable for the lifecycle of the product. Components purchased need to be compatible with the original design intent.

All of these things need to happen for successful product design. Staying on top of this and meanwhile producing a new and innovative design is the source of much stress and anxiety in designers and their managers.

Altium Vaults address these problems and more. The Altium Vaults can store and manage electronics design data, allowing designers to catalogue validated electronics design data so it can be used, reused and released to manufacturing inside or outside organizations with confidence.

Key Benefits

- **Traceability and Where-Used information through disciplined revisioning**
  Formal revisioning, release and life-cycle management of components and design data. Repeatable formal release process ensures all design documents are suitable for the chosen release.

- **Shortened design cycles through IP reusability**
  All items in vaults represent reusable design content, because their history and lifecycle state are known a designer can reuse them with complete understanding of their track record.

- **Risk reduction through smart supply-chain intelligence**
  Intelligent links to the online component suppliers provide real-time information about components, allowing for informed component selection during the design phase and controlled selection during procurement.

- **Collaboration and document sharing through trusted channels**
  Mechanism to easily and securely share the right pieces of design data with those who need access to them, both inside and outside your organisation.

In order to meet the differing needs of all design teams and organisations, Altium provides two Vault options:

Altium Vault

Altium Vault is a powerful engineering content management solution that delivers high integrity, smart design and product data management by providing storage, formal revision management, supply-chain intelligence and lifecycle state management.

The Altium Vault will be offered as an independant product and have its own licensing and maintenance model. Key Altium Vault features include:

- Installed on a Local Area Network,
- Identification and management of users,
- Simultaneous logins are controlled by local licensing,
- User access control and sharing capabilities,
- Part Choices Catalog that can link to external supply chain systems for gathering component supply chain information,
- Support for SDK / API level customizations,

The Altium Vault is ideal for businesses with teams who benefit from full control over tracking user access and sharing capabilities, and the ability to link Altium Vault data to external systems such as PLM, PDM, ERP, etc.

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Altium Personal Vault

The Personal Vault is a complete electronic design data management system, aimed at helping individuals or small groups to gain control over, reuse and leverage their IP. It enables the adoption of a formal methodology in the management of items, their revisions, life cycle statuses, and supply-chain information.

Feature Comparison

		Personal Vault	Altium Vault
Data Management	Revision Management	✓	✓
	Lifecycle management	✓	✓
	IP Reuse	✓	✓
	Where-used reporting and navigation	✓	✓
	Supply Chain intelligence	✓	✓
	ODBC Database link to external Supply Chain information (ERP, MRP, etc)		✓
	SDK for business system integration (PLM, PDM, ERP, etc)		✓
User Management	Perpetual Simultaneous connections included	**1**	**5**
	Ability to support additional connections and users		✓
	Connection type	**Anonymous**	**Identified**
	Design Item access control		✓

Licensing information

The Altium Personal Vault is included with Altium Designer and Altium Subscription.

The Altium Vault Server is a separate option, pricing is based on an organization's individual needs. The initial purchase of Altium Vault includes five perpetual client access licenses (CAL) and the first year subscription, which gives access to updates and support.

For more information, please contact
Altium Europe
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About Altium

Altium Limited (ASX:ALU) creates electronics design software. Altium's unified electronics design environment links all aspects of electronics product design in a single application that is priced as affordable as possible. This enables electronics designers to innovate, harness the latest devices and technologies, manage their projects across broad design 'ecosystems', and create connected, intelligent designs.

Founded in 1985, Altium has offices in San Diego, Sydney, Karlsruhe, Shanghai, Tokyo, Kiev, with value added resellers worldwide. For more information, visit www.altium.com. You can also follow and engage with Altium via Facebook, Twitter and YouTube.

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