Altium Concord Pro

Using Altium Documentation

Altium Concord Pro works seamlessly, and in harmony with Altium Designer to provide an elegant answer to the question of handling design data with secured integrity. Concord Pro not only provides rock-solid, secure storage of data, but also enables re-release of data as distinctly separate revisions - essentially tracking design changes over time, without overwriting any previously released data. It also caters for the lifecycle of the data to be managed, allowing people that need to use the data to see, at-a-glance, what stage the data has reached in its 'life' and therefore what it can be safely used for.

Altium Concord Pro is available in two hosting methods:

- **Hosted on Altium 365** - delivered as a Workspace through the Altium 365 cloud-based infrastructure platform. The Workspace is a dedicated, cloud-hosted server for all your managed content. It facilitates the seamless connectivity of, and the mechanics for moving data between, the design, manufacturing and supply domains. This variant of Concord Pro is recommended since it opens up a variety of global sharing and collaborative features that can only be experienced and enjoyed through the Altium 365 platform.
- **Self-managed** - delivered as a traditional on-site server that you install, setup and manage on a server within your own network. This variant of Concord Pro is suited to those who cannot interface with their data through the cloud (for example, defense companies).

What is Altium 365?

Altium Concord Pro can accommodate all managed data, including components, domain models, schematic sheets of circuitry and design templates. Indeed, you can even create and manage your entire design projects directly within Concord Pro, with a CAD-centric management view that facilitates collaborative review and commenting of a design and revisions of its released BOM.

Through a dedicated *Manufacturing Portal* you can view and navigate the released Assembly and Fabrication data, inspect the BOM, and ultimately download the data into a manufacturing *Build Package*. And when you have your Concord Pro hosted on Altium 365, a chosen release can also be shared - as a *Manufacturing Package* - directly with your manufacturer.

By furnishing a set of reusable design 'building blocks' within Concord Pro, you can embark on fresh projects safe in the knowledge that each model, component, and higher-order design element has been ratified and approved for use, with no having to reinvent the wheel as it were. Concord Pro becomes both the source and destination of design elements, with each new design utilizing elements released to, and managed through, the server. And by designing only with elements from Concord Pro, the integrity of those designs is inherently assured.

Altium Concord Pro also facilitates [bi-directional design collaboration with various supported mechanical design platforms](). This enables you to keep MCAD and ECAD design teams on the same page by sharing changes to board shape, component placement, and mounting holes, and intelligently link together 3D component bodies with your electrical component data - creating a unified component model that accurately reflects design intent from the respective domains.