

The complete solution for Library Management



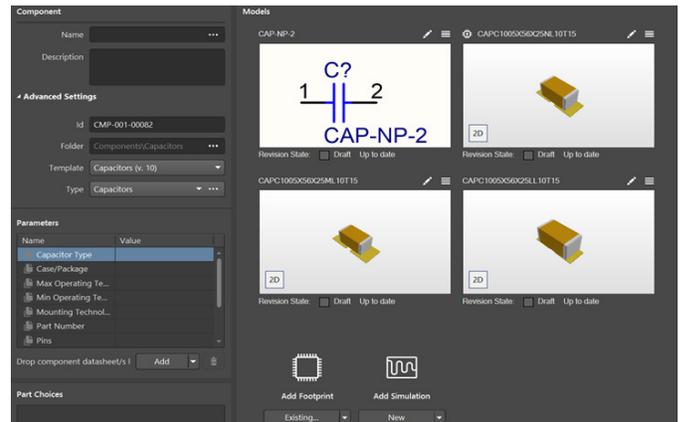
Concord Pro is a software product by Altium that is designed to simplify, organize and improve the management and use of component data while designing printed circuit board electronics. **Concord Pro** gives customers high-quality component management and hosting on their own server within their in-company network.

PCB Designers and electronics engineers interact seamlessly with Concord Pro through the Altium Designer environment. The speed and agility brought by Concord Pro can be leveraged without having to learn any other tools or software user interfaces.

Concord Pro also provides bi-directional design collaboration between electrical and mechanical designers. You can synchronize changes to board shape, component placement, mounting holes, and intelligently link 3D mechanical models with your electrical component data, creating a complete model that accurately reflects design intent from ECAD and MCAD sides.

Component Management

Manage all aspects of your organization's approved components and supply chain data in one central, shared location. Guarantee your component library quality and uniformity for the whole team, while making component search and placement fast and easy.



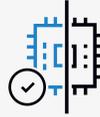
Project Collaboration

With Concord Pro, your projects can be synchronized between Altium Designer and your Mechanical Engineer's desktop, supporting Solidworks™, PTC® Creo™, and Autodesk Inventor®, allowing each specialist to stay in their area of expertise.

¹Separate Solidworks PCB connector license must be purchased for Solidworks.



CREATION



VALIDATION



SEARCH

Features and Benefits Overview

Automated Centralization

Concord Pro assists designers and teams in the organizing and centralization of their component data. By defining part types and folder structure, parts are automatically put in the right place, and are always easy to find, whether you have an army of librarians or you're an engineering team of one.

Quality Controlled Components

Every part released into the Concord Pro server automatically meets your definition for its associated part type, and is checked and validated against a set of component rules. Parts placed from Concord Pro into designs retain supply chain data that are validated against supply chain rules in the BOM editor, allowing resolution prior to production.

Easy MCAD Collaboration

The Concord Pro Server is the center point for ECAD-MCAD collaboration, and comes with the added plugins for Altium Designer and Solidworks, PTC Creo or Autodesk Inventor. Designers can pull changes from MCAD to the PCB Assembly, or push changes from the PCB design to MCAD. Both parties are notified when an update is ready and can preview the changes before accepting them.

Live Supply Chain Integration

Every component in Concord Pro can be automatically linked to multiple supply chain solutions, which pull live component parameters, pricing, lead times, and alternatives from all the main component vendors.

Reliable Templates & Reuse

Sick of copying and pasting that same old capacitor symbol for every new capacitor you have to add to the library? With Concord Pro, adding a new part to the library like this will automatically reuse your desired symbols and footprints based on your part templates. Every folder within Concord Pro can have its own templates assigned to automate symbols, footprints, even schematic sheets in new designs. And the system is flexible so you can override them when necessary.

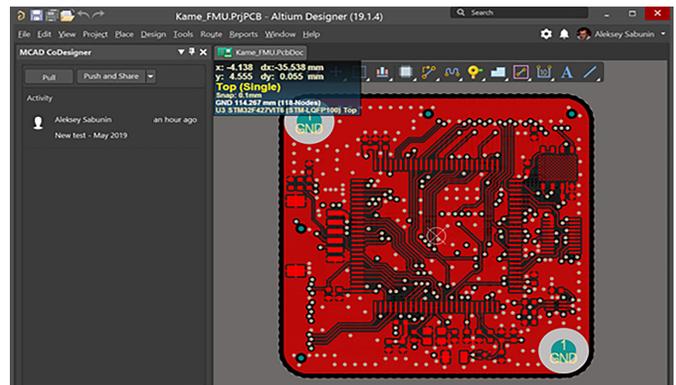
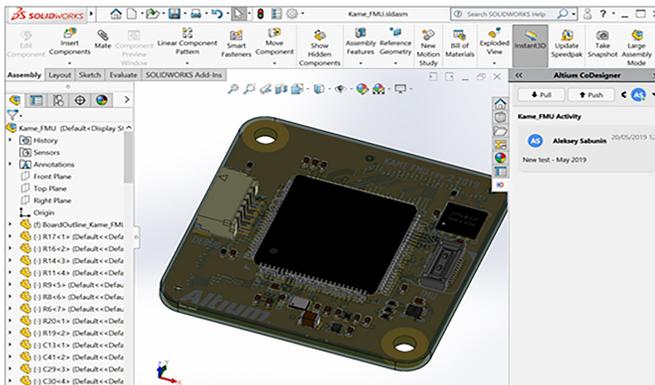
Focused Traceability

Every part placed in a design from the Concord Pro server can be traced back to the original release. And when a component becomes obsolete, you can find all the designs you used it in to update them as needed. Or, if you discover an error in a footprint or schematic symbol, see all the parts that used that graphic and update them to the new one with no fuss.

Accurate Library Migration

Moving to Concord Pro is easy. All those years invested into your Discrete, Integrated or Database libraries is easy and reliable. The Library Migrator in Altium Designer will put all the parts into the right places by part type, and you can import libraries from other EDA tools accurately and quickly.





Licensing

- **Server License:** Licenses the Altium Concord Pro server software, determining which edition is available to the organization.
- **Connector License:** Licenses each client access, determines which features the user has access to.

Both Server and Connector licenses are installed on the server machine. Connectors may be assigned to user accounts through web based administration, or served on a first-come-first-served basis.

Minimum System Requirements

System requirements will vary depending on a number of factors such as the amount of data stored, total number of users and concurrent user connections.

Software

- Microsoft Windows® (32-bit or 64-bit) 10, Server 2012 or later. Windows Server OS is required over desktop Windows version for organizations with more than 3-5 users.
- IIS 8.5, 8.0, 7.5, 7.0 (installed by Altium Concord Installer if not already present).
- Firebird 2.5 database engine (installed by Altium Concord Installer when selecting to use Firebird database).
- .NET Framework 4.0.
- Altium Designer 19 or later.

Hardware

- 2 GHz CPU
- 4GB of memory. Additional memory is recommended as more ECAD data is stored for more responsive search.
- Approximately 400MB of storage plus storage for IIS, Firebird and .NET Framework as needed. Additional storage space is recommended for ECAD data.

Oracle® Support

Altium Concord Pro has the ability to connect to your existing Oracle® database for storing Concord Pro data structure linking. It has been developed for and tested with Oracle Database Express Edition 11.

Trademarks

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