

AUTOVUE EDA PROFESSIONAL

KEY FEATURES AND BENEFITS

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- Views files from EDA packages and other document types
- Adds markups and comments
- Accesses embedded intelligence in a PCB
- Cross-probes between a PCB layout, related schematics, and 3-D PCB designs
- Validates PCB design integrity
- Displays entity properties instantly
- Searches for EDA elements
- Enables easy, precise measurements
- Delivers advanced printing capabilities

KEY BENEFITS

- Extend the reach of EDA documents to all enterprise users
- Standardize your PCB design review process
- Collaborate without risking intellectual property
- Access layouts, schematics and manufacturing documents easily with native document viewing
- Drive innovation through improved communication and multiparty real-time collaboration
- Minimize costly board spins

“AutoVue 19.2 is a major advancement for viewing, reviewing and collaborating on EDA files. Oracle understands our needs, and delivers an enterprise visualization solution that serves the specific requirements of all companies involved in EDA.”

—Charlie Davies,
Principal ECAE
Application Engineer,
Harris Corporation

Using Oracle’s AutoVue EDA Professional, printed circuit board (PCB) designers and contract manufacturers can access, view, and collaborate in real time via the Web without needing expensive licenses for electronic design automation (EDA) tools and without threatening intellectual property. With support for major EDA packages, Microsoft Office, and portable document format (PDF) files, EDA organizations can work with any supplier regardless of their choice of PCB tools. Streamlining collaboration through a single solution reduces costly board spins and gets products to market faster.

Extend the Reach of PCB Layouts & Schematics to all Enterprise Users

AutoVue EDA Professional makes schematic and PCB documents easily available to all participants of the design and manufacturing process—design, layout, verification, prototyping, testing, and debugging. Expensive licenses of EDA packages and multiple viewing tools are not required to view, manipulate, and interrogate the multitude of design and manufacturing files with which team members interact.

Standardize Design Review Processes

With AutoVue EDA Professional, you can provide global team members with greater visibility into the development process, allowing them to standardize the PCB design review and troubleshooting process on a single solution. AutoVue EDA Professional’s markup capabilities enable team members and supply chain partners to easily communicate and track change requests, comments, and feedback to shorten the design review cycle, reduce the number of costly board spins, and increase an organization’s ability to meet its deadlines.

Collaborate without Risking Intellectual Property

The Web version of AutoVue EDA Professional allows users to securely collaborate with extended teams and outsourced partners on sensitive documents without risking a company’s valuable intellectual property (IP). AutoVue Web version’s unique streaming technology provides access to the full intelligence of documents without transferring the original files to the client desktop; originals never leave the server, and no local temps or cache files of any kind are created in the process, ensuring that a company’s IP remains under the total control of its owner.

Drive Innovation through Improved Global Collaboration

AutoVue EDA Professional delivers the foundation for an efficient collaborative platform, driving collaborative best practices and fostering innovation at all stages of

EXTEND THE REACH OF INFORMATION WITHIN AND OUTSIDE YOUR ORGANIZATION

ORACLE'S AUTOVUE MOBILE

AutoVue Mobile enables global organizations extend the reach of technical information and business processes to disconnected users within and outside an organization. Through the sharing of Mobile Packs, AutoVue Mobile significantly improves how teams interact with information and one another, increasing visibility of key technical data, and providing insight into the context surrounding the documents. Teams can collaborate more effectively and securely with global supply chain partners, allowing them to meet the rigorous demands of product development and achieve competitive advantage.

the product lifecycle. The real-time collaboration capabilities of AutoVue EDA Professional, Web version help organizations to connect everyone in the global enterprise, allowing co-workers and partners to communicate as if they were in the same room, even if they are located on the other side of the world. Users can simultaneously review and mark up documents, exchange ideas, assign action items, and resolve design issues in real time.

Key Features and Capabilities

View files from major EDA packages and other document types. Open, view, and mark up numerous file types including PCB layouts and schematics, Microsoft Office, PDF, and graphics— all without the authoring software and without undergoing costly and error-prone document conversions.

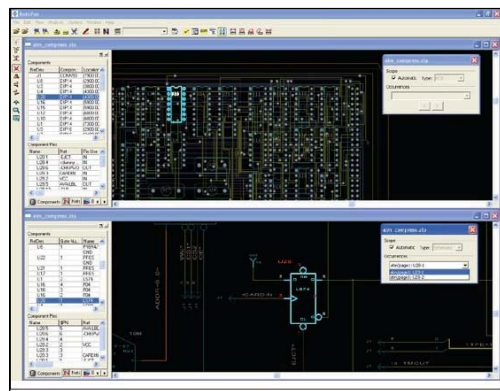


Figure 1: View files from other applications, including major EDA packages.

Add markups and track reviews & comments. Add markups, as well as sound, video and graphic attachments to your documents. Easily manage and track feedback, change requests, and comments across multiple reviewers.

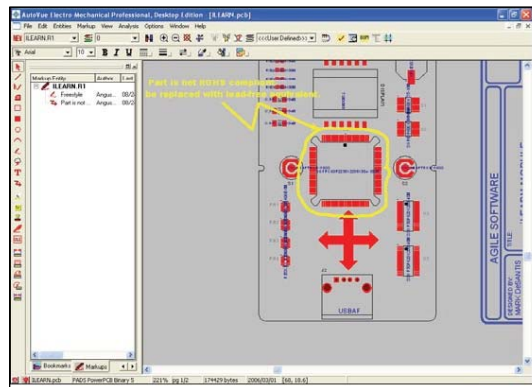


Figure 2: Make markups and comments across multiple reviewers.

Enable digital sign-off – Quickly approve markups and comments with digital sign-off. The sign-off stamp contains information about the markup author, date and time of creation, providing a reliable trail of changes and approvals. Reviewers can also use AutoVue's IntelliStamp to electronically sign and stamp document sets with attributes from the back-office system. With IntelliStamp, users can trigger workflow actions directly from within documents reviewed in AutoVue, allowing for workflow automation and improved business processes.

INTEGRATE WITH ENTERPRISE APPLICATIONS

ORACLE'S AUTOVUE ENTERPRISE VISUALIZATION PRODUCTS

The Web version of AutoVue products can be integrated into existing content management, product lifecycle management, or enterprise resource planning systems, as well as file servers or home-grown solutions. Integrated with existing enterprise systems, AutoVue connects information, people and processes, delivering anytime, anywhere access to vital information and maximizing business process efficiency.

Teams can better collaborate and make sound business decisions, driving innovation and operational efficiency.

RELATED PRODUCTS

- AutoVue 2D Professional
- AutoVue 3D Professional Advanced
- AutoVue EDA Professional
- AutoVue Office
- AutoVue Mobile
- AutoVue VueLink Integration
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EDA Features and Capabilities

Access the fully embedded intelligence in a PCB. Access intelligence in a PCB with attribute querying for traces, nets, components, and geometry library objects.

Perform precise measurements. Speed design reviews by precisely measuring to the end point or midpoint of a line, the intersection of two nets, the center of a circle, or any pin/via/symbol origin. Use the Minimum Distance tool to measure proximity of nets, pins, and pads to one another from the edge of the net or the components.

Search for EDA elements. Easily search for multiple components, nets, pins, vias, devices, or parts based on a variety of attributes, keywords, and values.

Cross-probe between a PCB layout, its related schematics, or a 3-D PCB.

Facilitate design reviews and accelerate design verification with powerful cross-probing capabilities. Select a net or component in a schematic and it is instantaneously located and highlighted in the layout, or vice versa. Easily find all occurrences of a particular component or net and navigate between them, should they be present on multiple sheets of a schematic.

Validate PCB design integrity. Test for manufacturability or design violations by setting multiple tolerances or constraints. Then share this information with team members to shorten the overall design cycle and accelerate production.

See entity properties instantly. Access important entity information without having to drill down into an entity's details. Entity properties are instantly displayed by hovering the mouse over a specific element of a schematic or PCB layout.

Navigate layers with ease and control. Turn on and off physical layers and entity types associated with each layer and bring layers to the top with a mouse click. Access layer sets as predefined in the authoring application or define your own.

Use advanced printing. Save time by automating the printing process—batch print files, customize print settings, and save print configurations.

Contact Us

For more information about how your organization can leverage the power of Oracle's AutoVue EDA Professional, please visit oracle.com/applications/autovue or call +1.800.361.1904 or +1.514.735.3219 to speak to an Oracle AutoVue representative.

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