AUTOVUE ELECTRO-MECHANICAL PROFESSIONAL

KEY FEATURES AND BENEFITS

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- Views hundreds of document types
- Adds markups and comments
- Enables easy, precise measurements
- Compares, sections, and explodes assemblies
- Performs 3-D entity searches
- Creates virtual prototypes and electro-mechanical digital mockups
- Accesses embedded PCB data
- 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
- Delivers advanced printing capabilities

KEY BENEFITS

- Extend the reach of technical documents to all enterprise users
- Bridge the gap between MCAD and EDA designs
- Enable cross functional collaboration
- Standardize your design review process and shorten design cycles
- Accelerate time-to-market with digital prototyping
- Access documents easily with native document viewing
- Perform simultaneous multiparty real-time collaboration
- Collaborate without risking intellectual property

AutoVue Electro-Mechanical Professional is Oracle's all encompassing AutoVue solution, providing total visibility into technical information, and driving enhanced collaboration and bottom-line performance. With AutoVue Electro-Mechanical Professional, organizations can bridge the gap between mechanical computer-aided design (MCAD) and electronic design automation (EDA), and extend the reach of product information and Computer Aided Design (CAD) data to all enterprise users, way beyond engineering. By enhancing cross-functional and departmental interaction earlier in the product development cycle, you achieve improved productivity, fewer errors, and accelerated time to market.

Extend the Reach of Technical Documents to All Enterprise Users

AutoVue Electro-Mechanical Professional makes technical information, including 2D/3D CAD, EDA, Graphic, Office and PDF documents, available to all enterprise users, regardless of their technical skills and without requiring costly authoring applications. Team members are connected sooner in the product development cycle, and can make sound business decisions faster based on reliable information.

Streamline Design Reviews and Promote Better Communication

Global team members can use AutoVue Electro-Mechanical Professional to easily view, review, verify and provide feedback on other disciplines' designs changes and development progress. Cross-functional design review and troubleshooting processes can be standardized on a single solution, improving communication across disciplines, and avoiding organizational and technology issues that hinder collaboration and impact negatively on costs, schedules, and product quality.

Accelerate Time-to-Market with Digital Prototyping

AutoVue Electro-Mechanical Professional shortens time-to-market by enabling faster digital design reviews and efficient digital prototyping. Users can quickly identify and resolve potential problem areas earlier in the design cycle, reducing physical rounds of testing, which can reap considerable savings to development cycles and budgets.

Perform Simultaneous Multiparty Real-Time Collaboration

The Web version of AutoVue Electro-Mechanical Professional allows extended global teams to communicate as if they were in the same room. You can simultaneously review and mark up documents, assign action items, and resolve

design issues in real time.

Collaborate without Risking Intellectual Property

The Web version of AutoVue Electro-Mechanical 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.

Key Features and Capabilities

View hundreds of document types. AutoVue delivers native document viewing capabilities, allowing users to easily access the full, embedded intelligence in a 3D model, a 2D drawing or a PCB —all without the authoring software and without undergoing costly and error-prone document conversions.

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.

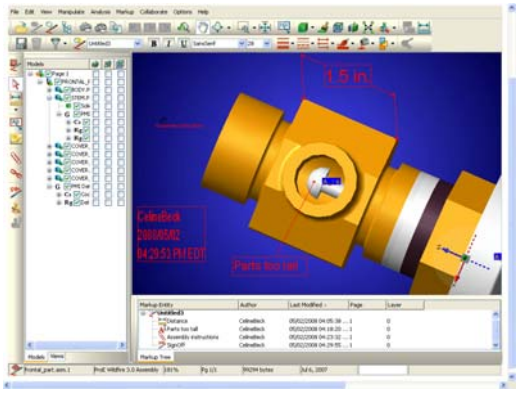

Figure 1: Make markups and comments on designs.

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.

Create digital prototypes. Combine native 3-D parts (from disparate 3-D CAD systems) and EDA designs into a single digital assembly to easily create virtual prototypes, check for interference, and validate design integrity.

Convert documents to TIFF or PDF - For organizations that need to comply with industry or corporate standards, AutoVue provides the ability to generate TIFF or PDF renditions of your documents.

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.

MCAD Features and Capabilities

Perform precise measurements. Speed up design reviews by performing precise measurements on 3-D and 2-D designs, including mass properties, distance, areas, angles, and more.

Compare designs. Instantly determine what has been added, removed, or changed in your designs by comparing 3-D assemblies. This unique feature goes beyond a graphical comparison and includes the ability to detect changes to nongraphical attributes at the part or assembly level. AutoVue Electro-Mechanical Professional also supports graphical comparison of 2-D files.

Create exploded views. Explode complex 3-D assemblies to get to the component level faster and create clear illustrations for control documents, such as assembly and maintenance instructions.

Section 3-D Models. Cross-section assemblies to draw attention to internal structures and assembly relationships or measure dimensions within individual parts.

View 2-D models and draft models. Quickly access the 2-D drafts associated with your 3-D models.

Perform 3-D entity searches. Quickly find the information you need by searching and filtering for parts in a 3-D assembly based on a variety of native file attributes.

Share product manufacturing information (PMI), geometric dimensioning and tolerance (GD&T), and functional tolerance annotation (FTA) data. AutoVue delivers support for PMI, GD&T, and FTA data. Manufacturing personnel can instantly access, view, and review important product specifications and ensure that products are manufactured in compliance with design engineering's intent.

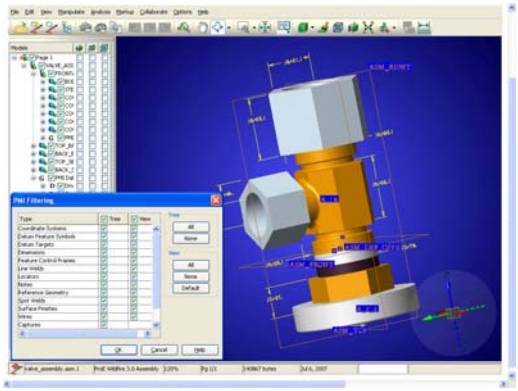

Figure 2: Share PMI, GD&T, and FTA data.

EDA Features and Capabilities

Access the fully embedded intelligence in a PCB. Access intelligence in a PCB by querying for attributes of 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.

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

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.

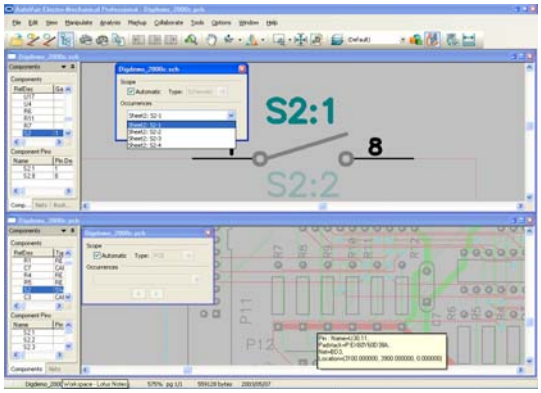

Figure 3: Cross-probe between PCB layouts, its related schematics, or 3-D PCBs.

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.

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

Contact Us

For more information about how your organization can leverage the power of Oracle's AutoVue Electro-Mechanical Professional, please visit oracle.com/applications/autovue, call +1.800.363.5805 or +1.514.905.8400 to speak to an Oracle representative, or email autovuesales_ww@oracle.com.