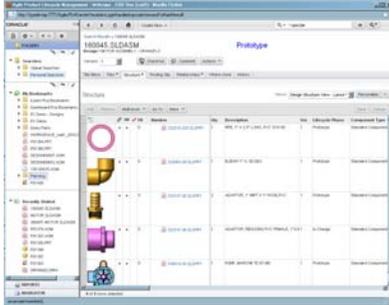


## Improve Visibility of Product Information within Agile PLM with AutoVue Enterprise Visualization



Navigate complex product structures within Oracle Agile PLM with Oracle's AutoVue Enterprise Visualization

Oracle's AutoVue for Agile Enterprise Visualization solutions deliver best-in-class document and CAD (MCAD and ECAD) visualization and collaboration capabilities directly within Oracle Agile PLM. With AutoVue for Agile, companies can enable visual decision-making across the product lifecycle and simplify end-to-end design to manufacturing. They can also optimize new product development, new product introduction, as well as change management processes, and enable more efficient and secure collaboration with global supply chain partners, allowing them to deliver world-class products to market more quickly, profitably and efficiently.

### **Analyst Perspective**

*"Manufacturing companies should ... encourage the use of visualization and analytic tools to enable faster and higher-fidelity product decision making."*

**Source: IDC Manufacturing Insights, Product Value Chain in Manufacturing, 2011**

*"As a collaboration solution, visualization offers the capacity to capture downstream insights earlier in product development. This can drive greater efficiency of manufacturing processes.. and reduce time and cost-consuming late stage engineering change orders".*

**Aberdeen Group, Visualization & the Enterprise Value of 3D Product Models, June 2010**

### **Optimize New Product Development/Introduction Processes & Improve Change Management**

Increasing rates of globalization and outsourcing have changed the landscape for companies and created new organizational complexities that oblige them to streamline their product development and manufacturing processes. In doing so, stakeholders throughout the product value chain are better able to collaborate on a global scale and release higher quality and more cost effective products to market.

With access to the visual context of products during innovation, design review and change management processes, teams can streamline new product development and introduction, as well as reduce lead times and optimize product related decisions. Throughout the innovation process global stakeholders can accelerate new product introductions by enabling participation and contribution of engineering, and more importantly, non-engineering teams in all facets of product-related decisions. With AutoVue for Agile, teams typically underrepresented during the innovation process can easily participate and contribute feedback on product data early in the development cycle maximizing innovation and productivity.

Organizations that excel in effective change management can quickly meet changing market needs and address design flaws which can negatively impact market success. By leveraging AutoVue for Agile's visualization and digital markup capabilities within Agile PLM, designers can capture, communicate and track comments and proposed changes directly within the context of designs. Organizations can reap even greater benefits when these digital markups are associated to ECOs (engineering change order) within Agile PLM, ensuring that changes are correctly communicated to all stakeholders.

### Customer Success

“There is a huge ‘wow’ factor with Oracle’s AutoVue solution. Our manufacturing assembly team can now easily view the board file, highlight the components corresponding to a specific part number, and know right away where the parts should be placed on the board, saving hours in the process. We look back and think, how did we ever do this work before? AutoVue is a critical component to our business process; we can’t live without it.”

**Charlie Davies, Principal ECAE Applications Engineer, Harris Corp.**

### Benefits

- Improve visibility of product information to all stakeholders
- Optimize collaboration between internal resources and external supply chain partners
- Streamline product development and innovation processes
- Share designs with no risk to IP
- Increase success rate of new product introductions
- Minimize errors/ rework/scrap rates
- Accelerate time to market
- Improve product-related decisions

### Capabilities

- Out of the box AutoVue integration with Agile PLM
- Digitally capture & track feedback from all collaboration participants
- Create thumbnails in Agile PLM for easy navigation of complex product structures
- Tie markups to ECOs in Agile PLM
- Compare two versions of designs to see changes between revisions
- Collaborate in real-time via the Web
- Enable mechatronic design collaboration

### Facilitate Supplier Collaboration with No Risk to IP

Accelerating rates of globalization and outsourcing lead to extended, complex supply chain networks oftentimes making it difficult to communicate requirements and changes. With AutoVue for Agile, organizations can streamline collaboration with key outsourced partners, allowing them to securely share and effectively communicate on product information early in the process for joint execution, without jeopardizing intellectual property.

With access to in-context visual product information, OEMs and supply chain partners can also collaborate in real-time via the web during the part procurement process. Visual communication of changes greatly reduces misunderstandings and improves supply chain agility, responsiveness and flexibility; a particular challenge given the various cultures, languages and time zones at play. With AutoVue for Agile the quality of parts is improved; reducing costs, lowering rework/scrap rates, and improving on-time order rates.

### Streamline Manufacturing Processes and Expedite Time to Market

Ensuring that manufacturing correctly understands engineering designs at time of hand off is paramount if products are to be made correctly. AutoVue for Agile can help facilitate collaboration between designers and manufacturers early in the process to ensure proper understanding of designs and to get products right the first time.

One way to ensure effective communication and accurate comprehension on the shop floor is through the use of operational method sheets (OMS), which provide step by step instructions to shop floor technicians. Accurate and detailed assembly instructions can help ensure that products are assembled correctly, and reduce the costs associated with errors or defects found late in the process. During the creation of these OMS, designers and manufacturers can leverage AutoVue for Agile to discuss changes or issues in real-time and ensure correct understanding. Any changes can be noted with digital annotations, shortening the number of design to manufacturing iterations and reducing lead times.

AutoVue for Agile can also be used by shop floor personnel and assembly teams to view CAD models and other manufacturing information at their work site. With visual access to CAD models, but not the original files, IP is protected and teams can validate missing information for faster manufacturing and assembly.

### About Oracle’s AutoVue for Agile Enterprise Visualization Solutions

AutoVue for Agile solutions deliver secure document and CAD visualization & collaboration on engineering and product information directly within Oracle Agile PLM. Connected with Agile PLM, AutoVue helps drive effective decision making, optimizes the new product development and introduction process and enables simplified end-to-end design to manufacturing by providing all stakeholders across the value chain with in-context access to visual product information.

For more information about AutoVue for Agile Visualization solutions, call 1-514-905-8400 to speak to an AutoVue representative, or visit <http://www.oracle.com/us/products/applications/autovue/index.htm>



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