

Adobe® and Right Hemisphere Accelerate Time to Market by Improving Document-based Design Collaboration

Adobe® Intelligent Document Platform for manufacturing streamlines design collaboration

ACCELERATE TIME TO MARKET

Automate and simplify the collaboration processes allowing one to export, share, gather, and incorporate design changes through all phases of the product lifecycle.

ELIMINATE COSTLY DESIGN CHANGES

Communicate rapidly and cost effectively across the entire supply chain using intelligent Adobe PDF files.

INCREASE COLLABORATION THROUGHOUT YOUR SUPPLY CHAIN

Extend your document-based processes from the proprietary systems used by your expert engineering team to the ubiquitous Adobe Reader used by all non-expert users.

LOWER PRODUCT DEVELOMENT COSTS

Improve document-based collaboration and information delivery across the organization.

REDUCE RISK OF LOSING INTELLECTUAL PROPERTY

Secure, control, and manage all rich content across the supply chain by applying dynamic and persistent document policies.

Efficient collaboration across the extended design community—including suppliers and other partners—can determine the pace of innovation. Yet, manufacturers' product development chains are routinely riddled with communication gaps caused by the complexity of collaboration around native design files and 3D product graphics. To ensure timely and efficient communication, manufacturers require solutions that simplify the exchange of vital product information—across design, procurement, production, and delivery without losing the richness of 3D.

Using Adobe LiveCycle,™ Adobe Acrobat Professional 7.0, and Right Hemisphere Deep Server for document-based design collaboration, manufacturers can simplify information exchange so that product development teams can bridge the communication gaps that cross partners, suppliers, and other members of the extended design team. Improving design collaboration speeds up the innovation process, lowers product development costs, and ensures fully modified products.

Delays, errors, loss of control and lost profitability

Manufacturers face pressures to improve their document-based collaboration and information delivery. They need their design experts to continuously communicate with the extended design team, within and beyond the firewall, to deliver optimized product designs, clear assembly instructions, accurate operator and maintenance manuals, powerful training, compelling marketing collateral and more. Yet they face many challenges that limit effective collaboration between product design teams and their internal and external partners, including:

- **Expensive, incompatible systems**: Extended team members use multiple hardware systems, data formats, proprietary viewers, expensive collaboration tools, and incompatible transactions and publishing applications that lead to conversion and interpretation errors.
- **Limited design team input**: Without a way to capture feedback from stakeholders who lack expensive design software early in the design cycle, manufacturers risk design flaws, delayed launches, and even recalls.
- **Lack of control and security tools**: It is critical to maintain control and security at all times over the product designs—organizations' true competitive advantage—and ensure protection of one's intellectual capital.
- **Language and semantic barriers**: Global outsourcing reduces labor costs but is often accompanied by communication challenges that delay time to market.

Adobe

ADOBE PRODUCTS STREAMLINE DESIGN COLLABORATION

The Intelligent Document Platform generates PDF-based Intelligent Documents that people can use with universal clients such as Adobe Reader®. Intelligent Documents can be delivered through Adobe LiveCycle software, a new generation of server products and design tools built on the Java™ 2 Platform Enterprise Edition (J2EE) architecture or by Adobe Acrobat® software on the desk-top, along with partner software from Right Hemisphere.

FOR MORE INFORMATION

To learn more about the Adobe Intelligent Document Platform for manufacturing, visit *www.adobe.com/manufacturing.*

To learn more about Right Hemisphere visit *www.righthemisphere.com.*

Adobe helps people create, manage, and deliver the highest quality digital content in the world.

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Bridge the collaboration gap with the Adobe Intelligent Document Platform for manufacturing

The Adobe Intelligent Document Platform for manufacturing combines the flexibility and familiarity of interactive XML-enabled Adobe PDF, the power and performance of Adobe Acrobat, the ubiquity of Adobe Reader, the automation, control and enhanced security of Adobe LiveCycle, and 3D product graphics management from Right Hemisphere. Your organization can use this document-based solution to more securely exchange product information—such as 3D designs, quality specifications, manufacturing processes, maintenance manuals, marketing collateral, and more—with team members around the globe. Whether you need to involve partners and suppliers early in the design process, quickly respond to design changes, or manage feedback from multiple stakeholders, the Adobe Intelligent Document Platform can help you automate these processes—to make them faster, more secure and more cost-effective than ever.

Adobe Intelligent Document Platform for document-based design collaboration highlights

Rich collaboration anywhere

- Convert 3D design drawings into XML-enabled Adobe PDF documents with Adobe LiveCycle and Right Hemisphere products so members of the extended team can view and use rich 2D and 3D product information and associated engineering specifications using only the free Adobe Reader® software.
- Eliminate the need for expensive software or specialty viewing software by enabling reviewers to take advantage of commenting, annotation, and markup tools—including clouds and measurements—using Adobe Reader. Package multiple files and file types into a single Adobe PDF document, and attach source files that can be opened later in their native applications.
- Make documents more comprehensive by adding annotations, such as navigational links, bookmarks, and attachments to Adobe PDF files.
- Customize documents with open source java tools.
- Merge comments from multiple reviewers into a single Adobe PDF document.

Bring products to market faster

- Initiate e-mail- or browser-based reviews with ease.
- Track, assimilate, and manage feedback from multiple sources.
- Control, monitor and manage key documents throughout the extended design process.
- Automatically integrate form responses into back-end systems and route data to the appropriate decision makers for approval.
- Streamline publishing of product communications and support documents.

Secure and control intellectual property

- Securely share information inside and outside the firewall by adding controls to documents that restrict who can open a file, what they can do with it, and how long they have access—even offline.
- Provide an explicit and detailed audit trail regarding the recipients' use of a protected document so that organizations have a reliable and effective mechanism to determine what happened to a document, when it happened, and how often.
- Protect CAD/PDM level IP by providing derivative product graphics that includes the only appropriate level of detail, and no more.

Adobe®