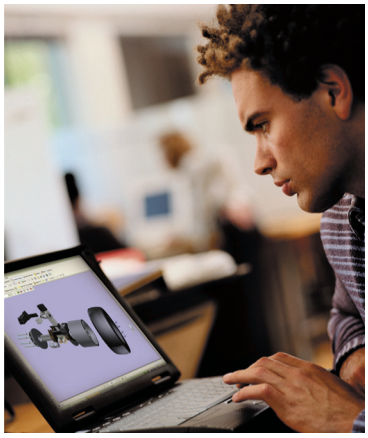
Adobe solutions for product development collaboration

Adobe helps manufacturers accelerate time to market by streamlining the product development process



Accelerate time to market
Collaborate more effectively with all design partners, large and small.

Help eliminate costly design changes
Share designs earlier with everyone, so changes are made when they have the least impact and the least cost.

Increase collaboration throughout the supply chain
Extend your existing applications to deliver information to anyone with Adobe® Reader® and Adobe Flash® Player software.

Better manage and control sensitive information
Use digital rights management to manage revision control and protect sensitive design information outside the firewall.

With increasing competition, manufacturers must persistently push the limits of new product development—reducing costs, driving innovation, minimizing design cycles, and improving product quality—while bringing products to market faster than ever. To achieve these goals, organizations must find better ways to communicate and collaborate among dispersed project teams and with remote suppliers, offshore production facilities, and customers worldwide.

Adobe can help organizations cost-effectively and more securely collaborate on product designs, project plans, and other critical yet sensitive information across your entire value chain. Improved collaboration speeds up the innovation process, lowers product development costs, and helps ensure compliant products.

Manufacturers must collaborate with an extended team

Effective collaboration across the value chain is critical to the pace of innovation. To provide timely and efficient communication, manufacturers need to simplify the secure exchange of product data. They need the ability to engage all stakeholders—from initial design to development of technical specifications through procurement, production, and delivery—without losing the richness of native applications. But several challenges stand in the way.

Expensive, incompatible design application—Team members use different application environments, data formats, proprietary viewers, and expensive collaboration tools that are often incompatible, leading to conversion and interpretation errors.

Limited design team input—Not everyone has the appropriate software to make changes or comments on the review documents. Without a way to capture feedback from all stakeholders, manufacturers face the risk of losing valuable input, increased design costs, and delayed time to market.

Management of sensitive information—Once information leaves the company firewall, control becomes very difficult. Yet revision control and protection of sensitive information must be maintained.

Inefficient design cycles—Without the ability to tailor information specifically to the needs of the user, endless cycles waste critical design resources and lower productivity.

Adobe bridges the collaboration gap

Adobe solutions for product development collaboration help manufacturing organizations exchange information, such as 3D designs, quality specifications, and manufacturing processes, more securely with team members around the world. Adobe solutions, in conjunction with partner solutions and services, enable manufacturers to further automate all steps of the collaborative process to optimize product design, maintenance, repair, and manufacturability, faster and more cost-effectively than ever.

Adobe

Adobe products that help automate, manage, and control extended manufacturing processes include:

- **Adobe LiveCycle® ES (Enterprise Suite)**
- **Adobe Acrobat® Pro Extended**
- **Adobe Acrobat Connect™ Pro**

"We're a global company with staff, suppliers, and manufacturing partners worldwide. Delivering engineering data in 3D PDF documents enables our staff and partners to reach across divisions and time zones to collaborate easily."

Joe Burch
Engineering Systems Specialist,
C&D Zodiac

Did you know that Adobe Reader is installed on 89% of all Internet-connected desktops? Download the latest version for free at *www.adobe.com*.

For more information

For more details about Adobe solutions for product development collaboration, visit *www.adobe.com/manufacturing*.

Communicate and collaborate with anyone, anywhere

- Improve communication by delivering engineering content from a variety of sources—including 2D and 3D designs, office documents, and rich data already available in your CAD, PDM, and other enterprise systems—in a single, secure PDF file.
- Eliminate the need for expensive specialty viewing software by enabling reviewers to comment, annotate, and mark up files using Adobe Reader.
- Maximize the return on investment (ROI) of your 3D design assets by sharing product data with downstream users so that they can start authoring technical documentation, marketing collateral, and training materials sooner to meet product launch schedules.
- Enable extended design team members to create and exchange information and ideas via multimedia web conferencing in real time and on demand.

Simplify and automate the review and approval process

- Control, monitor, and manage the overall product development process.
- Make higher quality decisions earlier in the process through better business intelligence by enabling feedback to flow both ways.
- Track and manage the product development process from multiple sources and design teams to reduce potential costly design errors and changes.
- Maximize productivity by empowering each design team member with rich information packages tailored to meet the user's specific needs.

Protect and control sensitive information anywhere it goes

- Share information inside and outside the firewall more securely by adding controls to documents that help restrict who can open a file, what they can do with it, and how long they have access—even offline.
- Manage revision control of design information beyond your firewall.
- Provide an explicit and detailed audit trail of recipients' usage of protected documents.

With Adobe solutions and partner technologies and services, incompatible systems and different application environments are no longer an obstacle to collaboration. Manufacturers can use Adobe products to deliver rich content across the entire value chain—including experts and novices alike—in a more secure fashion. As a result, manufacturers can cost-effectively speed products to market.

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