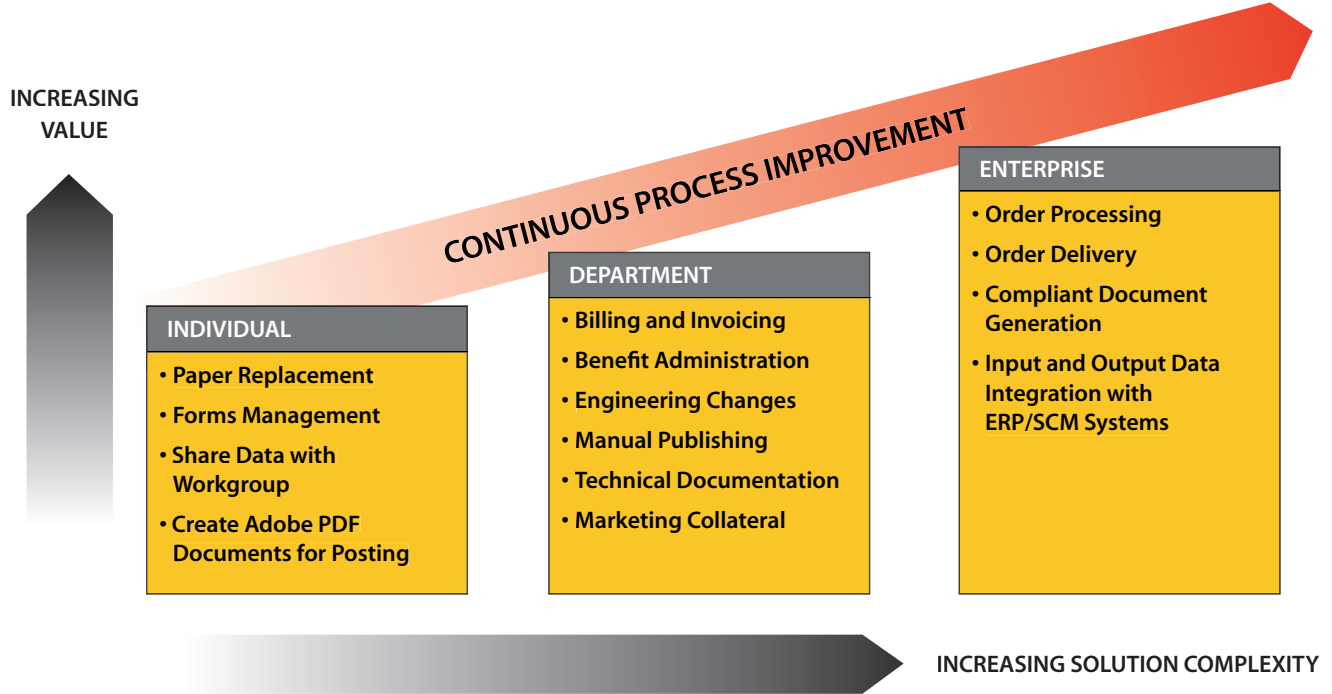




Adobe® Solutions for Manufacturing



Evolving Manufacturing Service Delivery



Working in manufacturing, you must seek out innovative technology to automate your processes—technology that delivers high value while reducing risk. Adobe solutions provide a flexible, cost-effective way for manufacturing companies to address their most pressing needs.

Adobe offers manufacturers new opportunities to interact with everyone along the product life cycle—from design to production, from customer to retailer. Using a single solution platform, this

interaction increases productivity and provides around-the-clock service through a variety of channels, such as the Web, print, fax, kiosk, voice, PDA, and more.

With Adobe technology, you don't start from scratch. Adobe solutions extend the value of your existing IT investments by working with the legacy CRM, ERP, and document management systems you already have.

At Comdev, engineering change requests that involved reading and updating information that was based on SAP® were paper-based, slow, and error-prone—thus threatening production. By using an Adobe solution, Comdev engineers were able to access request forms via the intranet and redeploy a highly paid SAP scripter to more critical functions. The result was a payback on the software investment in just six months.



We know what today's manufacturing companies are up against

Suppliers, clients, distributors, employees, and managers expect manufacturers to respond quickly in today's demand-driven, just-in-time environment. To stay current, they also count on instant access to services and information any time of day, from the office, home, Web, or a mobile device.

Now more than ever, product developers and engineers need to gather data quickly, so that they can manage changing requirements and satisfy customers. They also need to process that data reliably in order to profitably execute complex processes and supply-chain interactions that serve their customers' demands. And the data must work with existing documents, forms, and information systems, as well as with those of suppliers, clients, and partners.

It's time for Adobe solutions. Adobe knows the importance of flexibility and responsiveness in manufacturing processes. Adobe improves the business value of information technology by automating document-based processes and integrating them with your transaction systems. Adobe solutions are proven to deliver positive returns in a fast-changing marketplace—both now and in the future. These solutions extend your processes to customers, suppliers, partners, and employees in ways that meet their unique needs and, at the same time, make you more efficient and productive.

Adobe Network Publishing Solutions help people work together more productively and effectively

Collect and Deliver Information to Satisfy Clients and Lower Costs

Achieve effective engineering and manufacturing information flow

With Adobe's flexible, scalable solutions, product engineers and manufacturers can meet the challenge of a connected, demand-driven supply chain. These solutions increase satisfaction, shorten time to market, and lower costs—all without sacrificing the integrity of essential processes. Adobe solutions address the three key components of manufacturing information processes:

1. Dynamic generation of documents, invoices, parts lists, statements, and other information via multiple channels of distribution
2. Collaborative creation, revision, and approval of documents between product development and other internal departments
3. Efficient use of electronic forms to simplify data capture, expand supplier and partner access, and quickly integrate captured information into core enterprise systems

Document Generation

Gain self-service efficiency while retaining document diversity and compatibility

The most common interaction you have with distributors, partners, and customers is through documents generated by your processes. Effective documents should be personalized and easy to understand. With Adobe solutions, you can produce dynamic, compliant, and customized documents for print, e-mail, fax, or Web delivery. For example, technical manuals or shipping documents can be custom-generated to match the user's specific product configuration.

Adobe solutions for document generation enable you to take information from enterprise applications and dynamically convert it into high-quality, personalized, and standards-compliant output. Generate change requests, order summaries, specifications, and documentation on the fly, distribute them to your partners in the preferred format, and extract electronic copies for your archives.

Adobe document generation technology ensures that manufacturing firms can produce dynamic, compatible, and customized documentation for delivery using Adobe Portable Document Format (PDF) as the universal foundation. Everyone in the manufacturing chain gets the information they need in the best format for their requirements. And security is built right in.

Document Collaboration

Streamline document exchange, review, and approval

As documents are shared among departments and throughout the supply and distribution chains, paper-based document review and approval processes can become difficult to manage.

Adobe solutions address the need to protect the integrity of the original content as it is managed through the workflow, using authorized access, while ensuring that the content can be easily reviewed, commented on, approved, and archived. These solutions work with a variety of back-end platforms and information systems, facilitating collaboration with supply-chain partners.

Documents can be automatically routed, tracked, and integrated into core applications such as document management systems, making it easy to manage the full collaboration process.

Affymetrix had a paper-based purchase requisition system that prevented users from being able to check the status of their purchase requisitions during the approval process. This system made it difficult to keep up with the growing volume of documents. Affymetrix implemented a purchase requisition system based on Adobe solutions to automate the entire process—from the completion of the form to its final approval—resulting in significant time and cost savings.

Document Process Management

Eliminate costly paper processing while maintaining information integrity and security

To gain the benefits that flexible, just-in-time manufacturing offers, it's critical for companies to replace thousands of manual or paper-based processes with easy-to-use, intelligent online forms. By enabling self-service for customers, employees, and supply-chain partners, you dramatically improve the efficiency and productivity of workers, reducing rekeying efforts and form-processing errors.

Adobe solutions include intelligent forms that capture data securely, and then automatically

route specific information through the appropriate processes—tightly integrating with other applications and key individuals along the way.

Adobe forms also extract data from a form used in one workflow application and automatically transport the data to other applications. For example, engineering change forms can automatically pass updated information on manufacturing schedules, components, and packaging requirements to the appropriate information systems.

The result is faster integration of quality data within and across the manufacturing process, lower costs, and increased responsiveness.

Manufacturing Solutions Deployments

Adobe is experienced in delivering solutions that help solve manufacturing information challenges.

Among Adobe's solutions are the following:

Finance and Administration	Reduce Administrative Costs				
	Billing and Invoicing		Check Request and Printing		Contract Assembly
	Authorization for Expenditure		Purchase Requisition Processing		Expense Reporting
Order Fulfillment	Deliver Products and Services Faster and More Reliably				
	Order Processing	Bills of Lading	Letters of Credit	Label and Bar Code Generation	Shipping, Packing, and Picking Slips
Operational Management	Streamline Mission Critical Processes				
	Extending ERP and MRP	Forms Automation	Mobile Data Collection	Materials Sourcing	Distributed Printing
R&D Engineering	Improve Time to Market				
	Product Life Cycle Management	Product Specification Review and Collaboration		Engineering Change Order (ECO)	Technical Documentation
Customer Service	Improve Customer Service Using the Web				
	Customer Inquiry Fulfillment	Complaint Resolution	Self-service Account Inquiry		Service Request Resolution
Human Resources Management	Streamline Administrative Employee Processes				
	Employee New Hire	Timesheet Recording and Approval	Employee Self-service	Vacation and Leave Requests	Travel Requests
Government Reporting and Submissions	Automate Reporting Requirements				
	New Drug Application Submission	Clinical Trials Record Management	Compliance Document Generation	Safety Reporting	Environmental Reporting

Adobe solutions have proven success in manufacturing. Adobe has more than two decades of experience working with manufacturing organizations. Adobe understands the challenges manufacturers face and has flexible, scalable solutions to address those challenges.

Adobe solutions offer you new opportunities to interact with partners, increase productivity, and provide enhanced service—all simultaneously. By managing the processes that drive your business, Adobe solutions result in more satisfied customers and partners and better bottom-line performance.

Adobe solutions let you tackle your business problems in stages, so that you can immediately begin to improve those processes that will have the greatest impact on your business.

And Adobe professional services teams have the expertise to deliver solutions that meet your deadlines, budget, and unique requirements.

Whatever your information management challenge, Adobe has the right tools and experience to deliver the right solution. Your clients and business partners expect you to be readily available and responsive. With Adobe solutions, you can surpass their expectations.



Tools for the New Work™

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