Xerox® Workflow Automation Solutions for Manufacturing

Streamline your global production from start to finish.
Globalization has made it necessary for manufacturers to not only extend their reach to more promising geographies, but to improve global collaboration for designing products and parts. As a result, supply chains are more complex than ever and need to be highly effective while accommodating different languages and cultures—including all documentation.

Break into new markets while driving innovation and productivity.

Xerox® Workflow Automation Solutions for Manufacturing streamline and accelerate document-related workflows to improve business processes across the organization. By simplifying and centralizing the flow of documents that affect every stage of product production, manufacturers can foster collaboration, improve efficiency and deliver time and cost savings associated with manual processing that can help companies stay competitive.

Our capabilities include work process automation, hard copy and electronic data capture, mobile integration, document versioning and centralized platforms that integrate into your PLM, CRM and MES systems. As a result, our solution makes it easier to collaborate across your organization for R&D testing, logistics, quality assurance and more.

Benefits include:

- Stronger collaboration among R&D, design and engineering teams through secure access to technical documents and information
- Improved efficiency in document management and print services, enabling mobility and security
- Accelerated business processes by automating traditionally manual tasks and removing the reliance on paper
- Creating up-to-date manuals, procedures, policies and trainings for employees
- Improved communication with customers, suppliers and stakeholders

**Engineering Change Management**

Changing or updating a product can be complex and involved—and can be hindered by inefficient manual and paper-based steps and a lack of visibility into the change management process. The Xerox® Workflow Automation Solution for Engineering Change Management creates a process that controls and simplifies change requests from initial review to implementation. CAD users can retrieve engineering files and electronic request forms from a central repository, providing instant access to drawings and information. It also offers visibility into the change process and creates a trackable history of all changes made and approvals received.

The Xerox® Workflow Automation Solution for Engineering Change Management enables manufacturers to:

- Automate traditionally manual business processes by removing the reliance on paper
- Increase visibility to guarantee stakeholders are working with correct versions of files
- Integrate systems, including CAD, MES and PLM, to improve collaboration and communication
- Provide safeguards against missed changes through a trackable history of change requests

**Quality Assurance**

The Xerox® Workflow Automation Solution for Quality Assurance allows organizations to meet quality and control objectives while ensuring processes are completed consistently and on time. Using an intuitive interface, organizations input their policy and procedure information into an easily accessible checklist format. Users can then view a policy’s purpose and the steps required to fulfill it. By automatically generating electronic checklists and assigning tasks to specific individuals, the solution becomes an official record of work.

**With the Xerox® Workflow Automation Solution for Quality Assurance, you can:**

- Facilitate continuous process improvement, allowing users to share feedback and flag checklists for review
- Ensure the right people have access to the right procedures
- Gain detailed business intelligence into checklist status, relevant issues and areas of opportunity
- Provide comprehensive oversight capability to the management teams

**R&D Testing**

Ensuring R&D documents are in a central location is key to facilitating collaboration and meeting documentation timelines. The Xerox® Workflow Automation Solution for R&D Testing offers a centralized platform that integrates into your PLM, MES or CRM systems to provide your teams with the latest information to support their initiatives. Using pre-established workflows with secure access controls for stakeholders, this solution facilitates a timely R&D process, accelerates completion of regulatory documentation and ultimately leads to a successful launch of market-tested products.
With the Xerox® Workflow Automation Solution for R&D Testing, manufacturers can:

• Launch products quicker and improve timelines though preset/preconfigured process workflows
• Drive collaboration with all of your key stakeholders to improve readiness for a quality product launch
• Complete market testing with customers and suppliers through secure online portals to help launch products more successfully

**Logistics and Fulfillment**

A multitude of documents and data flows between your customers, suppliers and stakeholders during logistics and fulfillment processes, affecting how your services are perceived. Xerox® Workflow Automation Solution for Logistics and Fulfillment offers a centralized location to implement process methodology as well as improve communication with your customers and suppliers. By using electronic forms and optimizing documents, you can streamline your processes and spend less time worrying about preparing documentation and more time managing fluctuations in supply and demand.

With the Xerox® Workflow Automation Solution for Logistics and Fulfillment, manufacturers can:

• Increase customer and supplier interaction by opening the lines of communication through a central, secure online platform
• Improve delivery accuracy through an automated process that ensures all inspections you deem relevant have been performed and product documentation is included with each order

**Manufacturing Process Flow**

1. **Design and Development**
   - Requirements established, CAD developed

2. **Manufacturing per Design**
   - Prototypes created, design verified

3. **Supply Chain Management**
   - Material and information flows established, supplier relationships managed

4. **Testing and Final Assembly**
   - Product verified, full production and assembly

5. **Packaging and Fulfillment**
   - Order transportation and staging, delivery

6. **Ongoing Maintenance and Repair**
   - Customer care, on-site and off-site

**Maintenance, Repair and Operations**

With the Xerox® Workflow Automation Solution for Maintenance, Repair and Operations, your organization can integrate its service arm with your ERP systems and devices in the field to ensure your MRO professionals are equipped to deliver the superior quality services your customers demand. You will also be able to implement a mobile capability to support your workforce in the field, ensuring that notifications of service need and service completion are streamlined. Whether for your internal products or servicing the products for your customers, this solution provides a direct point of communication and an opportunity to build trust and loyalty.

The Xerox® Workflow Automation Solution for Maintenance, Repair and Operations enables manufacturers to:

• Improve service excellence to your customers by having all relevant and historical information readily at hand
• Support a mobile, virtual workforce by allowing you to send updates via mobile devices
• Improve your MRO revenues by building a world-class MRO base with streamlined processes and integrated systems
• Standardize processes to promote safety across the organization

**Accelerated Decision Process**
A Continuum of Services from an Industry Leader

With over 75 years of experience helping individuals and businesses succeed, Xerox has the deep knowledge and experience you need.

**Cross-Industry Solutions**

At Xerox, we believe that work can work better by improving the flow of your work, simplifying and automating your document-centric processes. The Xerox® solution tools can help you cut paper-based processing costs in every department and office across your business. Beyond the business processes that support your revenue streams, we offer cross-industry solutions to enable you to lower costs associated with your management of human resources, finance and accounting, operations, mailroom and more.

**Workflow Automation Services**

Our team of solution specialists can help you automate and simplify your critical document-centric processes to reduce administrative processing costs and support your compliance and customer satisfaction efforts. We offer discrete software and hardware solutions, plus design, integration, customization and deployment services, employee training and ongoing technical solution service and support.

**Managed Print Services**

Xerox, the global leader in Managed Print Services (MPS), can help organizations of all sizes reduce printing cost and volume, optimize device fleets and transition from paper-based to digital ways of working.

Learn more at xerox.com/was.