



JustSystems Solutions for Manufacturing

Electronics, semiconductor, aerospace, and medical device manufacturers are all under pressure to reduce costs and find new ways to compete in a crowded global marketplace. Discrete, process, high tech, and automotive manufacturers—along with general aftermarket product maintenance and aerospace maintenance, repair, and operations—similarly face the reality that product advantages aren't enough; companies must also compete based on cost, brand, timely maintenance procedures, and the ability to rapidly respond to market changes.

Key to this is finding more efficient and effective ways of creating, distributing, and sharing enterprise information as a basis for communicating and collaborating with suppliers, customers, and trading partners. Efficiently sharing content enables more informed decision making and improves the effectiveness of key processes throughout the organization. Streamlining and automating document-based processes is essential for ensuring manufacturing efficiency and product profitability, and a key aspect of automating document-based processes is ensuring the right information is delivered to the right people at the right time.

Increased collaboration is needed, and manufacturers need to streamline operations so that employees and suppliers can more effectively gain access to timely and relevant information. JustSystems provides solutions that allow manufacturing companies to dramatically improve the flow and management of their internal and external information systems. Many manufacturing companies today are burdened with manual processes and technical inefficiencies, and streamlining and automating publishing and other document-based processes is essential for gaining a competitive advantage. Companies are awash in information—both unstructured content stored in repositories and file servers and structured data in relational databases and legacy/mainframe systems.

The worlds of document publishing and application development are converging and the document itself is becoming the application—with live data and an interactive user experience. We offer a variety of solutions for manufacturing companies, ranging from publishing dynamic documents to driving collaboration and business process transformation—all of which center around our mission to improve business through more efficient and effective creation, reuse, and delivery of information.

JustSystems is a global software leader with over 30 years of innovation in information management technology and extensive experience with manufacturing customers. Today, with XMetal, JustSystems is helping manufacturers to take advantage of XML to rapidly create, integrate, visualize, and deliver content and data across the organization. This helps customers reduce the cost and delays of content creation and maintenance and improve the effectiveness of business processes that rely on diverse, distributed—and often isolated—lands of content and data.

Structured Authoring and Reuse

Manufacturers can accelerate creation and improve the quality and consistency of business-critical documents while reducing the cost and complexity of content localization and maintenance over time. JustSystems’ structured authoring and reuse solutions allow both technical authors and business contributors to easily create valid XML to accelerate the creation, simplify the maintenance, and improve the quality of content found in business-critical documents, including patent applications, technical documentation, parts catalogs, marketing brochures, and any other key documents or content-based communications vehicles. Structured authoring provides the basis for conversion, reuse, localization, and multi-channel publishing of business-critical content, and the XMetaL product line is the leading structured authoring and publishing solution available today.

XMetaL provides a rich authoring solution that allows technical editors to exploit the full power of XML while enabling business contributors to create XML in a highly intuitive, WYSIWYG environment. XMetaL Reviewer is a powerful collaborative solution for streamlining the content creation, review, and approval lifecycle. XMetaL XMAX is a component framework that allows structured authoring capabilities to be transparently embedded into any web-based or traditional application. XMetaL provides a flexible and powerful means for manufacturers to ensure important information assets are accurate, current, and presented in the most effective form.

Solution Name	Description
Standard Operating Procedures (SOPs)	Manufacturers can create and publish SOPs based on reusable XML components to ensure a clear and consistent dissemination of the most up-to-date rules and procedures—with centralized control over the implementation of policy changes. You can ensure personnel and other stakeholders have access to the most up-to-date methods and procedures, reducing the cost and risk of errors, waste, rework, and noncompliance. This results in faster and lower cost SOP creation, maintenance, and localization.
Technical Documentation	You can create technical documentation based on reusable XML components to improve, reuse, and control the implementation of changes. This accelerates the creation of technical data sheets, engineering documentation, parts lists, bills of materials, bills of equipment, etc., while ensuring that only the most up-to-date information is being utilized in the execution of design and production processes. Manufacturers can improve the quality and accuracy of the technical information that is shared, and you can reduce the risk of rework, waste, and aftermarket service costs or recalls associated with stale or inaccurate information. Solutions from JustSystems help you reduce the cost and delay associated with creation, localization, and maintenance of technical documentation.
Marketing Materials	Manufacturers can create reusable XML components to represent highly branded, regulated, and otherwise “locked down” language. Authors can reuse these components to accelerate the assembly of new marketing collateral and improve the consistency and quality of branded marketing materials. Solutions from JustSystems allow manufacturers to accelerate the creation of marketing materials and benefit from lower-cost content creation, maintenance, and localization. Manufacturers can accelerate time to market while improving customer service by always providing up-to-date product information.

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About JustSystems

JustSystems is a leading global software provider with over three decades of successful innovation in office productivity, information management, and consumer and enterprise software. With over 2,500 customers worldwide, the company is continuing a global expansion strategy based on its XMetaL content lifecycle solutions, the world's most complete and user-friendly XML authoring tool. JustSystems has been received many industry accolades including: *KMWorld's* Trend Setting Product of 2011, 2010's *KMWorld's* 100 Companies that Matter in Knowledge Management, *Software Magazine's* The Software 500 of 2008, and many others. Major strategic partnerships include IBM, Siemens, and EMC. For more information, visit: www.justsystems.com.

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Solution Name	Description
Reusable Customer Responses	You can create reusable responses to customer service questions as XML, providing the basis for a knowledge base and feeding an automated response management system for web-based inquiries. You can also allow personnel to contribute answers that can be standardized as best practices. Reusable customer responses will help you improve loyalty and goodwill with suppliers, customers, distributors, and other trading partners by improving your responsiveness and the quality of the answers you provide. They will also help you reduce customer service costs and accelerate incident disposition by improving the availability of valid answers and reducing unnecessary escalations, and they will help you to deflect call center volume with an automated web-based response management system.
Material Safety Datasheets (MSDS)	Manufacturers are under pressure to ensure MSDS documents are always consistent and up-to-date. The consequences of old or inaccurate MSDS documents can mean injury, death, lawsuits, and penalties. A best practice is to create reusable XML components for the assembly of documents, which dramatically improves the quality and consistency of MSDS and provides a more reliable means for maintaining this critical content over time. With solutions from JustSystems, you can reduce the risk of fines, penalties, lawsuits, and bad publicity resulting from noncompliance with mandated material safety policies, and you can reduce the cost and delay associated with creation, localization, and maintenance of MSDS documents.

Manufacturing Solutions from JustSystems

XMetaL, the XML-based software for structured authoring and content collaboration, helps your organization get to market faster with your products by bringing structure and automation to managing high volumes of valuable content. Manufacturers worldwide rely on structured authoring and reuse and dynamic delivery solutions from JustSystems to create, unify, visualize, and deliver business-critical information that improves productivity, efficiency, and profitability. For more information about our solutions, visit www.justsystems.com.