Actian Zeenea for Manufacturing

Comprehensive Catalog, Lineage, and Governance Solutions for Manufacturers

In today's data-driven manufacturing landscape, inefficiencies in managing and utilizing data are more than just operational headaches—they're incredibly costly. Over 53% of manufacturers cite data silos as their top obstacle to data-driven decision-making, with nearly 70% still relying on spreadsheets as their primary data management tool. These outdated approaches hinder visibility, slow innovation, and exacerbate the challenges posed by exponential data growth.

Whether we're talking unplanned downtime, which can cost up to 20% of your annual revenue, or fragmented supply chain data that disrupts logistics and inventory forecasting, the repercussions of poor data management ripple across every stage of production.

Add to this the pressure of compliance with regulations like ISO standards and REACH, and the stakes for effective data management couldn't be higher.

The good news? By adopting a modern, intelligent data discovery platform like Actian Zeenea, you can overcome these barriers. From streamlining supply chain operations and powering predictive maintenance, to enhancing compliance and accelerating innovation, Actian Zeenea empowers you to break down silos to access and unlock the full potential of your data. The result? Faster decisions, optimized processes, and a competitive edge in an increasingly complex and demanding industry.

Addressing Challenges in the Manufacturing Space

Goal	Obstacle	Actian Zeenea Solution
Supply Chain Optimization	Data silos across supply chain systems and manual data management hinder visibility and insights into logistics, inventory, and supplier performance.	Actian Zeenea centralizes, maps, and contextualizes supply chain data from different systems. This unified view of supply chain data enables you to identify bottlenecks, forecast demand accurately, and streamline logistics.
Predictive Maintenance	Maintenance data is scattered across IoT devices, robotics systems, and embedded systems, with limited data lineage to track equipment performance and predict failures.	Actian Zeenea catalogs metadata from maintenance sources, offering visibility into data ownership, quality, and lineage. This allows you to identify patterns and use data insights to predict and prevent equipment failures.
Product Tracking	Poor metadata governance makes it difficult to trace products across systems, complicating efforts to ensure product traceability and defect resolution.	Actian Zeenea's data governance capabilities and interconnected view of data relationships across systems like an ERP, Quality Control, Supply Chain, and IoT devices help monitor and maintain product quality standards by ensuring data accuracy and consistency across your organization.
Compliance with data regulation authorities	Fragmented data governance and limited visibility into data lineage make it difficult to demonstrate compliance with GDPR, ISO certifications, and REACH requirements.	Actian Zeenea provides rich data lineage, ownership, and permission tracking, which helps your compliance teams adhere to industry regulations by quickly locating relevant data, ensuring accuracy and generating reports for regulatory audits efficiently.

Product and Service Innovation	Data silos, and low metadata discoverability, impeded the ability to identify reusable data assets for research, development, and product innovation.	Actian Zeenea enables easy discovery and categorization of metadata from sources like PLM, empowering you to find relevant data for innovation and accelerate R&D efforts with a clear understanding of data relationships.
Production Process Optimization	Fragmented and Inaccessible production data makes it difficult for manufacturers to identify inefficiencies and optimize processes for reduced costs and improved operational performance.	By providing a comprehensive view of all data assets, Actian Zeenea enables you to analyze production data effectively, improving efficiency and reducing operational costs

Actian Zeenea redefines data governance for the manufacturing sector by delivering an intelligent data discovery platform that supports metadata management applications from search and exploration to data governance, compliance, and cloud transformation initiatives. Actian Zeenea connects to all your data sources in seconds and is powered by enhanced knowledge graph capabilities that provide rich and in-depth search results, optimized data discovery, and intelligent recommendations.

From maintaining accurate product traceability to optimizing supply chain performance and adhering to complex industry regulations, Actian Zeenea equips you with the tools needed to monitor, manage, and trust your data.

Establish Comprehensive Data Catalogs: With Actian Zeenea, you can effortlessly connect to and catalog data from various sources. This enhanced visibility not only breaks down silos, but enables real-time access to a data catalog, ensuring better governance, improved compliance, and informed decision-making.

Monitor Data Lineage with Precision: Gain full visibility into data origins, transformations, and relationships. Actian Zeenea's lineage tracking ensures accuracy and accountability across the entire data lifecycle, enabling you to trace data sources, verify quality, and address issues before they escalate.

Strengthen Data Governance: Actian Zeenea supports you in meeting regulatory standards and improving operational oversight through enriched metadata governance. By maintaining accurate records of data ownership, permissions, and usage, Actian Zeenea simplifies compliance with standards such as ISO and REACH while fostering innovation and trust in data-driven decisions.

"Zeenea and Stellantis have a very solid relationship. On the one hand, they provide the data catalog we needed, offering a pure experience for our end users: they log in to the platform and everything is cleaned, organized, and simple. On the other hand, Zeenea's teams are doing a fantastic job putting up with us, to meet our numerous requirements and challenges by always opening their hearts, sharing, and discussing with us."

– **Ricardo Rodrigues, Head of Data Governance,** Stellantis

About Actian

Actian makes data easy. We deliver cloud, hybrid cloud, and on-premises data solutions that simplify how people connect, manage, and analyze data. We transform business by enabling customers to make confident, data-driven decisions that accelerate their organization's growth. Learn more about Actian, a division of HCLSoftware: **www.actian.com**