Sinequa
by ChapsVision

Engineers and Product Designers. Augmented.

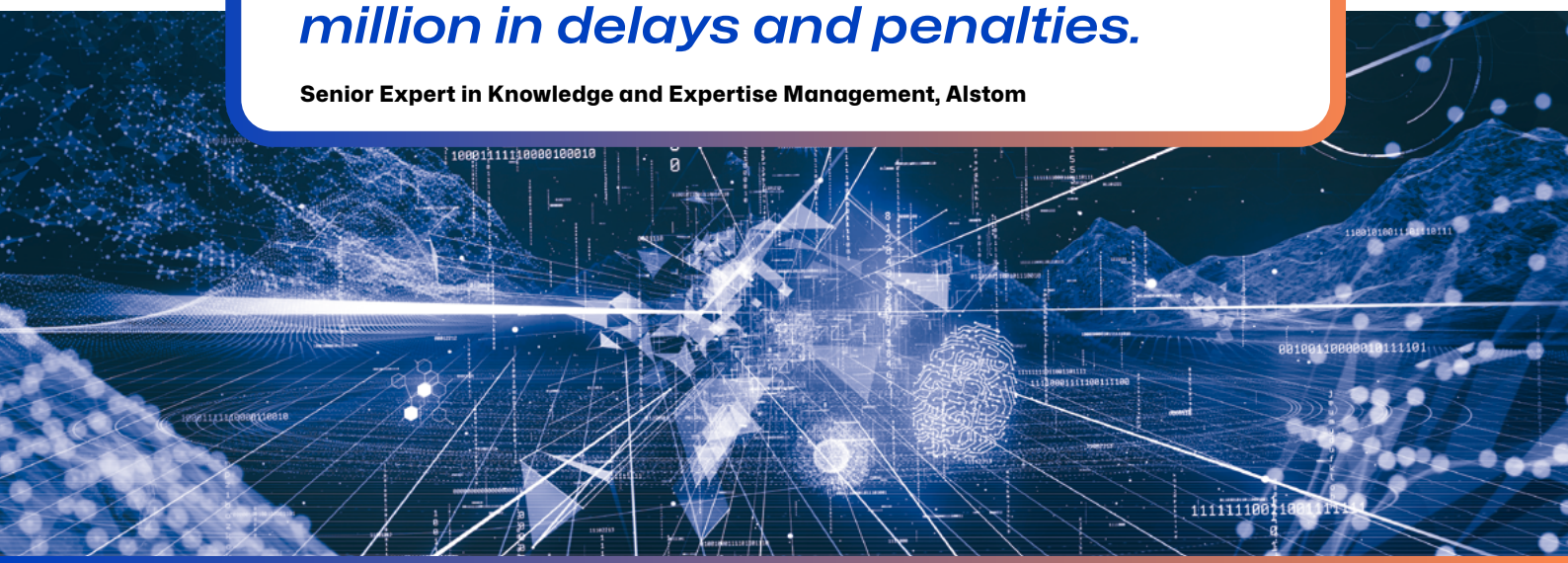
Manufacturing organizations face growing pressure to develop new products quickly, meeting customer requirements while maximizing quality and minimizing costs,. Engineers and product designers must make many choices based on heaps of disjointed information, such as cost targets, available parts, manufacturing processes, service and warranty data, and more. While some of this mission-critical information may be centralized (perhaps in PLM systems) but much of it is locked away in disparate, siloed enterprise systems like ERP, CRM, CAD, and CMS, creating significant challenges to find, access, integrate, and analyze relevant knowledge, slowing the design process and introducing more opportunities for errors and rework.

Siloed Technology Investments

- Issues Logs
- Expertise
- Quality
- Technical Docs
- Customer Data
- Research Data
- Parts
- Projects information
- CAD Models
- Regulations & Process

No mistake costs less than $3 million in delays and penalties.

Senior Expert in Knowledge and Expertise Management, Alstom



Challenges for Engineering and Design Teams

Lost Productivity

The average employee works with 18 applications every day and spends 8 hours every week just searching for information.

Duplicated Parts

In many cases, it's so difficult to accurately find parts that already exist, that it's easier to design and build a new one even when an existing part will do.

Increased Development Costs

Failure to access required information raises the risks of missing market needs, extra costs, delays, recalls, and noncompliance.

Create a Digital Thread for Relevant, Contextual Information

Sinequa breaks down data silos, enabling seamless search and discovery across complex engineering and design environments. It creates a digital thread from your exisitng content by automatically linking related information with AI-powered search, so your engineers, designers, and manufacturers have all the information they need, right at their fingertips.

Sinequa integrates with generative AI and Large Language Models (LLMs) using RAG (Retrieval-Augmented Generation) for the Sinequa Assistant, an intelligent agent that automates workflows and helps employees get work done. Since the success of RAG depends on good retrieval (the R), Sinequa uses the best search available on the market: state-of-the-art hybrid (keyword + vector) search combined with specially-trained Small Language Models (SLMs) and a semantic reranker. Engineering teams can quickly access fast, accurate, and unified search results and generate insights across projects, products, and parts, spanning design, supply chain, manufacturing, and service processes.

With powerful question-answering capabilities and automated summaries, Sinequa streamlines workflows, enhances collaboration, and improves decision-making throughout the entire product lifecycle.

AI-Powered Search and GenAI Assistants' Impact

Optimize Production

Enables engineering teams to optimize production with an integrated feedback loop, leading to decreased re-work, improved in-field performance, and quicker turnaround times for critical investigations.

Boost Productivity

Avoid rework and reinvention by unlocking unstructured data to leverage lessons of the past.

Discover Insight

Get a competitive edge by uncovering trends in internal and external knowledge.

Streamline Decision Making

Make better decisions faster with research assistance and exclusive content access.

Trusted by the World's Most Data-Intensive Manufacturers

Sinequa AI-powered search and GenAI Assistants are trusted by engineering teams at leading manufacturers to access the information they need to generate insights, make faster, more informed decisions, and be more responsive to internal and external stakeholders such as customers, suppliers, and regulators. These solutions unify data stored across disparate systems, making relevant information discoverable. Engineers with a 360-degree view of projects, products, and parts can deliver high-quality projects on time and excel at product maintenance and support services.

Watch a demo

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