Industry
Manufacturing

Region
Global

Solution
Assai Viewport

UNIFYING ENGINEERING INFORMATION FOR FASTER, SAFER OPERATIONS

Executive Summary

Global manufacturing organisations rely on fast access to trusted engineering information to maintain operational efficiency, minimise downtime and support compliance across multiple sites. A global manufacturing organisation needed a faster and more reliable way to provide engineers and maintenance teams with access to engineering information across multiple production sites.

Assai Viewport unified engineering information into a single searchable environment, enabling engineers and maintenance teams to find trusted information within seconds. Intelligent links between documents, drawings and asset tags reduced search time, improved information quality and simplified maintenance and audit activities.

The Challenge

As the organisation expanded globally, managing engineering information became increasingly complex.

- Millions of engineering documents distributed across multiple systems and formats
- Long search times leading to operational delays and unnecessary rework
- Inconsistent naming conventions and version control complicating compliance and audits

The organisation needed a single engineering information environment that provided consistent access to engineering information across all manufacturing sites while reducing the effort required to locate, validate and use critical technical information.

Results

Area	Outcome
Engineering information retrieval time	**70% faster**
Duplicate documents	**80% reduction**
Audit preparation time	**60% faster**
User adoption	**95% increase**
Return on investment	**<12 months**

The Assai Solution

Assai Viewport became the central access point for engineering information across the organisation, providing engineers and maintenance teams with fast access to trusted information regardless of where it originated.

Key capabilities included:

→ Automated indexing and intelligent tag-based search
→ Smart linking between drawings, manuals and maintenance records
→ Full version and approval traceability
→ Role-based access to maintain information integrity and compliance

A phased global rollout supported by hands-on training enabled rapid adoption. Within weeks, engineering teams were working from a single trusted source of engineering information, significantly reducing search time and improving operational efficiency.

Project Insight

Assai Viewport enabled seamless access to trusted engineering information, improving collaboration, speeding audits and reducing operational risk across global operations.

Strategic Value

By providing secure, trusted access to engineering information across all manufacturing sites, the organisation established a scalable foundation for operational excellence, regulatory compliance and continuous improvement. Assai Viewport continues to support engineering teams with trusted information that improves collaboration, simplifies maintenance and strengthens operational performance.