

OpenText Aviator

Use case scenarios: Manufacturing



Manufacturing made simple



Why it's hard today

- Hard to locate technical docs, maintenance logs, and compliance data quickly
- Time lost finding data scattered across design files and product specs in systems
- Inefficient issue tracking for quality defects and root cause analysis
- Slow compliance audits and reporting
- Knowledge gaps from retiring workers or siloed information repositories



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Wins for everyone

- **Quality Managers:** Faster access to defect data and compliance docs improves quality.
- **Plant Maintenance Managers:** Visibility to manuals and history cuts downtime.
- **Engineering Teams:** Summarized specs and past designs speed up cycles.

The big payoffs

▶ Reduce downtime

Faster fixes with instant access to manuals and maintenance history.

▶ Improve quality

Quick access to data and defect trends prevents repeat issues.

▶ Faster compliance

AI retrieves audit docs in minutes, not weeks, keeping things on track and lowering risk.

Let's get started...

Quality Management: Surface defect trends, corrective actions, and compliance data.

Plant Maintenance: Retrieve equipment manuals, repair logs, and parts data instantly.

Compliance & Audit: Automate retrieval of safety records, certifications, and reports.

Engineering & Design:

Summarize specs, technical docs, and change logs for faster product design.

Operations Management:

Provide insights across projects, production lines, and supply chain docs.

Explore Manufacturing scenarios



Summarize incidents and spot compliance risks

I'm a quality manager turning scattered incident data into clear, audit-ready reports. With AI surfacing root causes, flagging risks, and automating reporting, I cut prep time, boost compliance, and deliver faster resolutions.

Let's go



Cut plant downtime with quick maintenance response

I'm a plant maintenance manager turning stacks of records into instant action. With AI summarizing failures, checking coverage, and auto-generating work orders, I cut backlog, reduce downtime, and keep equipment running reliably.

Let's go



Locate untagged project CAD doc details

I'm an engineering team member turning untagged drawings into organized, compliant records. With AI finding gaps, flagging safety conflicts, and assigning fixes fast, I improve documentation quality, keep projects on schedule, and cut risks.

Let's go

Summarize incidents and spot compliance risks

I'm a quality manager reporting on quality incidents for audit readiness.

1 Get the big picture

Sample Prompt: "Summarize all open quality incidents from last month."

Impact: Executive snapshot of all incidents—IDs, lines, and dates at a glance.

2 Dig into root causes

Sample Prompt: "List root causes and status of quality incidents."

Impact: A detailed table is surfaced showing causes and resolution status clearly.

3 Generate audit-ready report

Sample Prompt: "Generate a report of compliance issues for the upcoming audit."

Impact: Audit report created — issues, owners, and corrective actions highlighted.

4 Flag hot items fast

Sample Prompt: "Provide highlights of quality and compliance issues and draft it in an email for management review."

Impact: Issues surfaced quickly and shared for immediate resolution

5 Automate the heavy lifting

Manufacturing quality and compliance teams can rest easy using AI to help to search for quality root causes and automate reporting to save time and avoid potential future risks.

Instant quality reporting summaries unlock issues and compliance risks.

Unlock the possibilities:

- **Reduce audit prep time** – Automated reporting cuts prep from weeks to days up to 80% faster.
- **Higher compliance** –Consistent monitoring delivers up to 95% adherence, lowering recall risk.
- **Maximize quality visibility** – AI root cause analysis boosts defect detection by up to 40–50%.

Cut plant downtime with quick maintenance response

I'm a plant maintenance manager identifying impacted equipment and maintenance tasks.

1 Find the records fast

Sample Prompt: "Find all maintenance records related to pump model X123."

Impact: Quick visibility into pump X123's

2 Summarize what's failed

Sample Prompt: "Summarize recent equipment failures and repair actions".

Impact: Failures and fixes captured for

3 Create the work order

Sample Prompt: "Generate work order for overdue maintenance tasks."

Impact: Work order generated instantly—preventing delays and downtime.

4 Check coverage quickly

Sample Prompt: "Is this pump still covered under manufacturer's warranty?"

Impact: Warranty status and claim details surfaced immediately, along with replace part number details.

5 Keep the plant running!

Higher uptime, lower costs, and greater confidence in operations –AI delivers faster maintenance response, reduces downtime, and improves asset reliability.

Instantly summarize maintenance docs for AI-powered asset management.

Unlock the possibilities:

- **Reduce unplanned downtime** –By up to 40% with AI-driven detection.
- **Cut maintenance backlog** – Prioritize work orders with automated doc analysis.
- **Speed response times** –Access service histories instantly to improve troubleshooting by up to 40%.
- **Increase operational reliability** –With proactive maintenance actions.

Locate untagged project CAD doc details

I'm an engineering team member organizing critical docs for manufacturing continuity.

1 Find what's missing

Sample Prompt: "Find all drawings containing an XYZ pump model that lacks proper tagging and provide a summary of their content, highlighting untagged references."

Impact: Complete list of untagged drawings with file names and locations is highlighted.

4 Assign ownership fast

Sample Prompt: "Assign each checklist item to the responsible drafter."

Impact: Tasks assigned with deadlines set— work stays on track.

2 Catch safety conflicts

Sample Prompt: "Identify any of these files with conflicting safety classifications."

Impact: Misclassified files are flagged— risks surfaced for quick review.

5 Compliant and on track!

Stronger governance, higher quality, and zero surprises -AI ensures accurate documentation, resolves errors faster, and keeps engineering projects well aligned with standards and running on schedule.

3 Create a fix checklist

Sample Prompt: "Generate a correction checklist for tagging and classification issues."

Impact: Clear checklist provided for engineering updates needed.

AI speeds search and helps to ensure governance over mission-critical CAD docs.

Unlock the possibilities:

- **Faster search** – Find untagged parts and references cutting review time.
- **Improved documentation health** – Flag missing engineering doc data.
- **Standardized compliance** – Ensure drawings meet current tagging/format.
- **Enhanced trackability** – Identify untagged drawings for correction.



 **Limitless**