

C3 Generative AI for Reliability

Unified Knowledge Source to Improve Asset Performance

C3 Generative AI for Reliability enables reliability engineers, plant managers, and operations executives to rapidly access and act on enterprise and external data and insights through an intuitive search and chat interface.



Rapid Access

to relevant, critical, and high-value insights previously siloed across disparate datastores, applications, and information systems



Reliability Focused

configuration to search across relevant data, including ERP, data historian, and equipment manuals, among others



Enterprise Grade

data security, access controls and flexible deployment allow enterprises to meet strict security and privacy requirements



Future Proof

investments with a model-agnostic solution architecture that offers multi-LLM support and integrates with existing IT system

Enterprises that manage large networks of industrial assets rely on disparate sources of internal and external data to address risks, maximize uptime, and increase productivity. To access the insights they need, reliability and operations professionals often turn to lengthy manuals or word-of-mouth training from more experienced peers.

C3 Generative AI for Reliability accelerates time to insight for operators, allowing teams to efficiently respond to alerts and maximize asset uptime. Users can ask questions in natural language and receive accurate answers ranging across operating conditions, equipment manuals, maintenance records, academic research, and training materials.

C3 Generative AI for Reliability is an enterprise-ready solution with support across structured and unstructured data, an LLM-agnostic architecture, deterministic responses with source references, and granular access controls. C3 Generative AI for Reliability offers rapid configurability with reliability domain models and pre-built connectors to common data sources such as ERPs, sensor measurements, historians and other process data stores.

Use Cases

- **Quickly access insights** from enterprise and external data sources and systems, including key software, maintenance records, and operational manuals
- **Conduct root cause analysis** and identify recommended actions using an intuitive natural language search interface
- **Interrogate source documents** underlying an answer to validate generative AI responses and confirm troubleshooting steps and failure conditions
- **Use interactive chat** to follow up with additional questions and clarify next steps in the maintenance process
- **Investigate past work orders** and cases with generative AI to rapidly triage alerts and initiate maintenance activities
- **Query relevant training material** and documents to efficiently share information with new operators
- **Monitor operating conditions** across sensor time series, data historians, reliability tools, and process optimizers

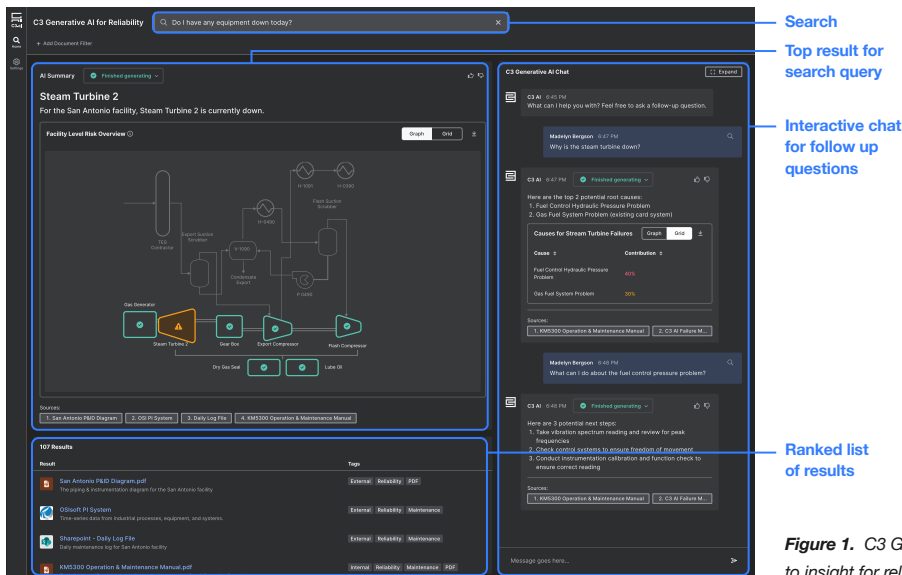


Figure 1. C3 Generative AI for Reliability accelerates time to insight for reliability and operations professionals.

Ready to Deploy Today, Results in 12 Weeks or Less

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