

Cortex: AI that understands your enterprise

From disconnected data to trusted, connected insight — powered by IRIS Foundry Cortex Graph and the Cortex Agent in Copilot.

! The problem

Enterprise data is scattered across systems, leaving people and AI without a shared view.



Siloed data hides how assets, orders, documents, and processes relate, making the full picture hard to see.



Without traceability back to source data, AI-generated answers are difficult to verify and trust.



Finding an answer often means stopping at a data lookup, instead of getting to root cause.

What this unlocks

- From siloed data to **one connected view of the enterprise**
- From opaque results to **insights you can trace and trust**
- From simple search to **AI that understands context**
- From finding data to **solving complex business problems**

✓ The answer

Cortex Graph connects real-world entities into one trustworthy structure, giving Cortex Agent the context it needs to reason across your enterprise, not just search it.



Cortex Graph brings assets, customer orders, documents, labor records, and shifts together in one connected view, built on your Unified Data Model.



Every object connects back to its source data, so you always know where information comes from and can trust the insights Cortex generates.



Cortex Agent navigates these connections to find related data, then runs analysis — including writing and executing code — to answer complex questions.

The Cortex advantage: From data to decisions

IRIS Foundry Cortex organizes enterprise data into one connected structure so Cortex Agent can reason across it to solve complex business questions.

How it works



A digital representation of the enterprise: Cortex Graph brings real-world entities such as assets, customer orders, documents, and shifts together in one connected view, making it easy to see how everything fits together.



Trusted data behind every object: Every object connects back to its underlying data through data pipelines, so you can trust the insights Cortex generates.



AI that understands context, not just data: Cortex Agent navigates these connections to discover related assets and information, answering complex questions.



AI that goes beyond what's known: When analysis is needed, Cortex Agent retrieves the data, runs it — including writing and executing code — in a secure environment, and returns the results.

Platform components



Unified Data Model (UDM): The foundation of Cortex Graph — assets, customer orders, documents, labor records, shifts, and other real-world entities, plus their relationships, are defined once and reflected across the graph.



Cortex Agent in Copilot: Ask natural-language questions about connected data. Cortex Graph automatically renders the relevant nodes and relationships so you can visually explore the resulting connections.



Data pipelines: Every graph object traces back to its source data for full transparency.



Secure analysis environment: Cortex Agent can retrieve data, run calculations, or execute code, and return results directly in the conversation.

Why Cortex Graph?

- **Built on your data model:** Generated directly from your Unified Data Model.
- **AI-native exploration:** Search, filter, and explore relationships in natural language with Cortex Agent.
- **Enterprise scale and trust:** Every object traces to a governed pipeline.

What's at risk if you wait?

Without a connected, trusted view of your enterprise, AI initiatives stall on fragmented context — slower answers and missed connections that compound as data grows.