

Data Hub: Connecting Data, Powering Decisions

cora



Overview

Cora Data Hub establishes a scalable foundation for enterprise data strategy and advanced AI initiatives. It centralizes historical data from your PPM and internal systems, automates complex enterprise workflows, and delivers AI-ready datasets. By accelerating insight generation, reducing operational risk, and enabling confident, data-driven decision-making, Cora empowers leaders to drive measurable business outcomes.

Business Impact

Reliable insights at enterprise scale

Empower your leadership with secure, high-performance analytics by seamlessly connecting your preferred BI tools. Rapidly interrogate extensive historical datasets, and deliver consistent, near real-time reporting—eliminating manual spreadsheet processes and driving confident, informed decision-making.

Anticipate risks and improve margins

Proactively identify and mitigate project risks by leveraging rich datasets and insights. Detect threats to costs, margins, and milestones well in advance, enabling your teams to act decisively—maximizing opportunities and significantly enhancing cash flow and overall business performance.

Integrate, automate and interrogate

Easily integrate structured data from ERP, CRM, HRM, PLM, and other critical systems into one unified platform. Enable powerful automation and rules-based workflows through industry-standard integration tools. Structured and consistent data makes advanced uses—such as chatbot integrations by your internal teams—straightforward and effective.

AI-ready data foundation

Accelerate AI initiatives with fully prepared datasets, including extensive feature engineering and structured data curation. Enable your data scientists to immediately focus on reasoning and identifying models, streamlining the training and testing of AI solutions to drive valuable business insights.

“We got this superpower to see into the future, whether you’re a PM or a project controller or a GM, you can see the risks that are coming at you.”

Jeff Hopkins, VP Project Solutions, Honeywell

Use Cases

- **Project and Portfolio Analytics** – using your preferred BI tools
- **Historical Data Analysis** – including insights from archived projects
- **Predictive Analytics** – leveraging your existing data mining tools
- **Billing Forecasting** – predict revenue impacts from shifting timelines
- **Enterprise Data Warehousing** – centralized datasets from across systems

Stakeholder Benefits

- **CFO** – enhance forecast accuracy for confident financial planning
- **CTO/CIO** – establish a robust data foundation to enable strategic initiatives
- **PMO** – significantly improve project management quality and consistency

Improve Data Quality

Data Transformation (Silver Layer)

Data is joined, harmonized, and transformed using advanced warehousing techniques, resulting in clean, enriched data tables ready for analytics.

Data Aggregation (Gold Layer)

Data from Silver layer objects is aggregated into optimized Gold-level datasets (e.g., project details, milestones, action logs). Stored efficiently in Cora's lakehouse, this structured data enables fast, scalable analytics and reporting.

Scalable and Secure Infrastructure

Your valuable data is securely stored independently from your production system, enabling complex analytics without operational disruption. Built on robust Azure Databricks and Azure Data Lake infrastructure, it ensures scalability, security, and performance.

Cora Data Sources

Project Execution

- Gantt Chart
- Schedule Import
- Milestone Tracking
- Task Management
- Work Breakdown Structure (WBS)
- Project Administration

Workforce Planning

- Resource Management

Registers and Smart Forms

- Risk Register
- Action Register
- Issues Register
- Change Register
- Lesson Learned Register
- Smart Forms

Other Data

- Project Information Reporting
- Project Status
- Time Sheets
- System Administration
- Project Forecasting Advanced
- Audit Data

Additional Information

Analytics Options

Our out-of-the-box solution is pre-configured for your visualization tool choice between Power BI or Tableau. Additionally, our services team can configure it for other analytics platforms as required.

Deployment Made Easy

Implementation is swift, backed by expert guidance and comprehensive enablement for rapid time-to-value. Continuous customer support ensures smooth operation and sustained efficiency.



Ready to Turn Project Data into Predictive Power?

Connect with us to explore the Cora Data Hub.

Get in touch: corasystems.com/contact



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