



Data Integration

Breakdown data silos with intelligent data pipelines to streamline data transformation, modernization, and AI readiness.

Overview

Your customers seek exceptional experiences, your employees want process automation, and your investors demand the latest intelligence for revenue growth. It may feel like everyone is ready for AI and analytics – except for your data.

With data in disparate systems, insights locked in unreadable formats, and pressures to maintain security, compliance, and governance, the challenge is forming a future data strategy that delivers the right data when and where it's needed.

The solution: the Data Integration Service, a part of the Data Integrity Suite. Break down data silos, replicate and transform data in real-time, and build a foundation for innovation with modern data strategies. Data Integration works seamlessly with other services of the Data Integrity Suite and the Data Integrity Foundation, giving you access to enterprise metadata and associated relationships to enable additional business context.

Benefits

- ✓ Integrate complex data from mainframe and IBM i – no SME required
- ✓ Boost productivity with AI Agents and low-code pipelines enabling users to move, transform, and orchestrate pipelines faster
- ✓ Minimize downtime and prevent potential issues from existing workflows
- ✓ Democratize your data and make it accessible to more areas of the business
- ✓ Reduce tools sprawl while delivering trusted, high integrity data for AI and analytics

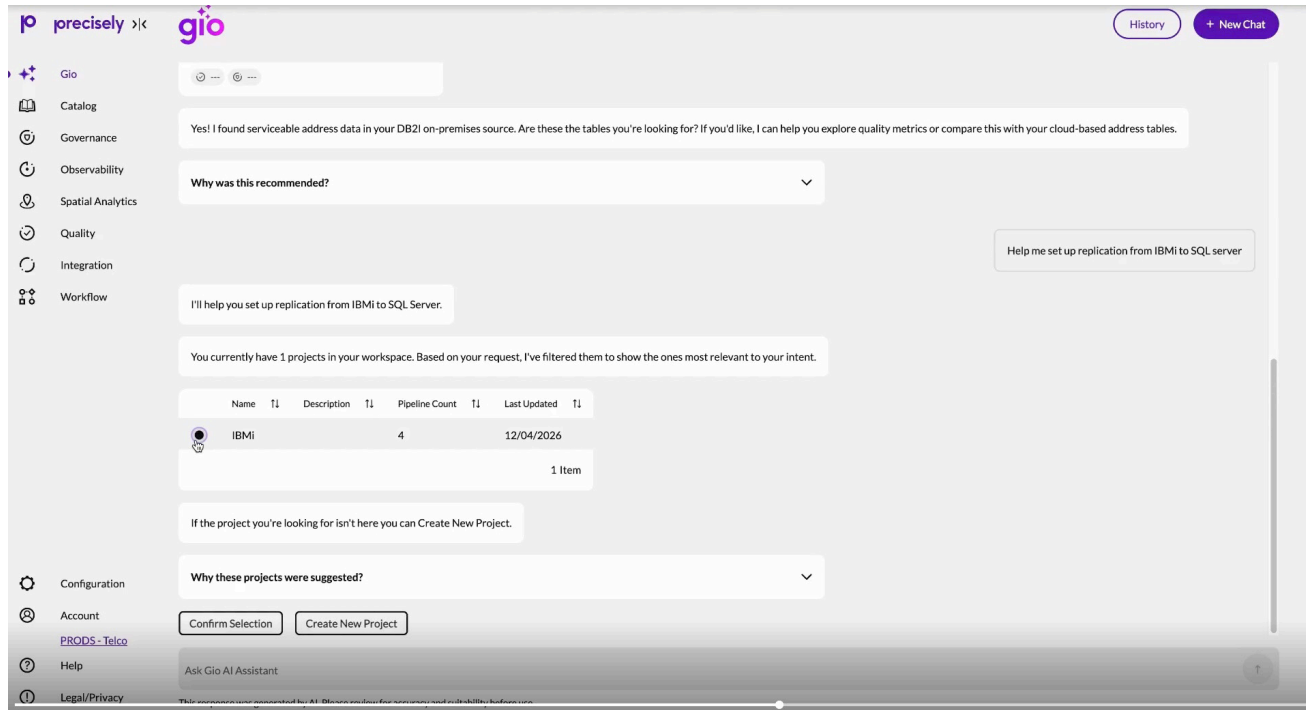
The screenshot shows the 'gio' interface with a navigation sidebar on the left containing options like Gio, Catalog, Governance, Observability, Spatial Analytics, Quality, Integration, and Workflow. The main area displays a message: 'I've matched all 6 source tables to their corresponding target tables in Mssql. Please review the choices, make any necessary changes, and then confirm the selections.' Below this is a table mapping source tables to target tables.

Source			Target	
Database	Dataset (Table)		Database	Dataset (Table)
CDISV6009	BILLING_DATA	→	cdc_db	dbo.BILLING_DATA
CDISV6009	CALL_RECORDS_DETAILS	→	cdc_db	dbo.CALL_RECORDS_DETAILS
CDISV6009	CUSTOMER_DETAILS	→	cdc_db	dbo.CUSTOMER_DETAILS
CDISV6009	PLANS_DATA	→	cdc_db	dbo.PLANS_DATA
CDISV6009	SERVICEABLE_ADDRESSES	→	cdc_db	dbo.SERVICEABLE_ADDRESSES
CDISV6009	SUBSCRIPTION_DATA	→	cdc_db	dbo.SUBSCRIPTION_DATA

Below the table, there is a dropdown menu labeled 'How Gio matched the targets?' and a search bar with the text 'Ask Gio AI Assistant'.

How it works

- **Transform:** Automate data transformation pipelines with no coding required
- **Connect & Catalog:** Connect to mission-critical systems and catalog relevant assets
- **Design & Deploy:** Set up new data pipelines, then deploy them wherever you need
- **Monitor:** View real-time alerts and statistics related to your pipelines
- **Enhance:** Leverage the Data Integrity Foundation to have more accuracy, consistency, and context around your data



Features

- **Cloud Native ETL**
 - Accelerate pipeline creation with a low-code visual designer powered by Matillion that leverages drag-and-drop components to build pipelines
 - Ingest structured, semi-structured, and unstructured data from any source into a single platform
 - Simplify and automate data movement to bridge the skills gap for data transformation, and handle the complexity of pipeline orchestration at scale
- **Data Integrity Foundation**
 - Automatically catalog technical metadata assets for embedded governance and lineage
- **Near real-time complex source integration**
 - No coding or specialized skills required to replicate data formats like VSAM, IMS, Db2/z, Db2/i and COBOL Copybooks or from sources like Oracle and SAP in near-real time
- **Cloud to On-Premesis Replication**
 - Keep your legacy systems, like the mainframe and IBM i, up-to-date with changes happening in your cloud platforms
 - Use Gio™ AI Assistant with the Data Integration Agent to create, view, and monitor your data pipelines, reducing manual setup and helping teams get data where they need it most
- **Flexible deployment options**
 - Support applications at scale without requiring separate deployments or needing to rebuild pipelines
 - Design data pipelines in the cloud and run where you choose – in the cloud, on-premises, or hybrid environments
 - Leverage prebuilt APIs to replicate mainframe data without it passing through the Precisely Cloud