

Precisely Data Integrity Suite



Data Integration

Build your modern data strategy – break down data silos, replicate in real-time and deliver a foundation for innovation.

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, analytics, and insights – 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: Precisely's Data Integration Service, a part of the Data Integrity Suite. Break down data silos, replicate in real-time, and build a foundation for innovation with modern data strategies. Data Integration works seamlessly with other Data Integrity Suite services and the Data Integrity Suite 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
- ✓ Faster time to market for new applications and data products
- ✓ Minimize downtime and prevent potential issues from existing workflows
- ✓ Democratize your data and make it accessible to more areas of the business
- ✓ Enable seamless adoption of new requirements without having to rebuild core logic
- ✓ Avoid redevelopment, testing and deployments costs by leveraging existing infrastructure when onboarding new use cases

Mobile Application

Continuous Replication > Continuous Replication Pipeline

Engine process	Replication	Capture	Log reader	Backlog rows	Longest total latency	Agent	⋮
OK	1 Action required	Attention	OK	1234	5434.423s	Connec-Agent	⋮

Continuous Replication Pipeline

Health	Replication Pipeline	Engine Process	Replication	Capture	Log Reader	Backlog Rows	Total Latency	Type
!	Products	OK	Action required	Attention	OK	1,234	10.111s	Copy then Replicate (Copying)
!	Customer_Info	OK	Action required	Attention	-	963	600.342s	Replicate
!	Support_Cases	OK	Action required	OK	OK	122,816	5434.423s	Replicate
✓	Backup_db	OK	Stopped	OK	-	96	212.221s	Copy then Replicate (Replicati...)
!	Test_Copy_Pipeline	OK	OK	Attention	-	76	30.321s	Copy then Replicate (Copy)
!	Test_Connections	OK	-	-	-	-	-	Copy then Replicate
-	Test	Draft	-	-	-	-	-	Copy then Replicate
-	Suppliers	Deleted	Stopped	Stopped	Stopped	0	0	Replicate

Last refreshed: 10 Sep 2024 12:12pm

⋮

How it works

- **Connect & Catalog:** Connect to mission-critical systems and catalog relevant assets.
- **Design & Deploy:** Use an easy-to-navigate UI to 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.

The screenshot shows two main panels. The left panel, titled 'Customer_Info', is the 'Source Data' configuration screen. It includes sections for 'General', 'Connections', 'Log reader' (set to 'Autogenerate'), and a note that only journaled datasets are displayed. The right panel is the 'Catalog' screen, showing a summary of 7 libraries, a note about retrieving dataset names and field types, and a table of cataloged schemas (feed, pets, retail, stores) with their status and last completed time. Buttons for 'Start Cataloging' and 'Stop Cataloging' are at the top of the catalog table.

Schema	Status	Last Completed
feed	All datasets	3 Libraries 17 Jan 2025 2:19:06pm
pets	All datasets	2 Libraries 17 Jan 2025 2:19:06pm
retail	All datasets	2 Libraries 9 Feb 2025 17:31:00am
stores	All datasets	Cataloging 11 Feb 2025 17:31:00am

Features

- **Intuitive Pipeline Wizard**
 - Create, view, and monitor your data pipelines all in one convenient dashboard that is built with business and data users in mind.
- **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-Premises Replication**
 - Keep your legacy systems like the mainframe and IBM i up-to-date with changes happening in your cloud platforms
- **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