

Infor Data Fabric Stream Pipelines for Snowflake

Open data platforming



The Infor Industry Cloud Platform (formerly Infor OS) is a unified, multi-tenant cloud foundation powering Infor’s industry-specific CloudSuites. It brings together advanced technologies, AI-driven intelligence, and near real-time data processing to streamline operations and drive innovation.

As a composable platform, it integrates seamlessly with Infor and third-party systems, offering core capabilities like analytics, integration, app development, and extensibility—all in one place. It provides essential technology services across all CloudSuites, empowering businesses with the agility and scalability needed to adapt and thrive in a fast-changing digital landscape



Infor Data Fabric is one of the core applications within the Industry Cloud Platform, serving as the foundation for enterprise-wide data management and processing. It enables secure, near real-time data access and movement across systems, supporting advanced analytics and AI-driven insights to unlock the full potential of your business data. Data Fabric mission is to enable organizations to make data driven and timely decisions by leveraging on data platform capabilities with the broad spectrum of tools empowering Infor’s customers to accelerate data to insights. With an open architecture approach, Infor Data Fabric offers multiple data extraction methods to support a wide range of destination technologies, including raw data object retrieval via the Data Lake API, data querying through Compass SQL using REST and database connectivity APIs, near real-time data streaming with Stream Pipelines, and batch processing through ETL tools and ION. Each method is designed to address specific data use cases with flexibility and scalability. Stream Pipelines is an add-on service in Data Fabric streamlining near real-time data processing and delivery via continuous push-based delivery, overcoming challenges in availability and freshness of data for functional users.

In a rapidly evolving digital environment, staying ahead in the competitive landscape is paramount. Stream Pipelines enables near real-time data processing and direct delivery to cloud-based destinations such as Snowflake, PostgreSQL (Amazon and Azure), and SQL Server platforms (Amazon and Azure), supporting both operational access and advanced reporting needs. By harnessing the power of near real-time data insights, businesses can make swift, informed decisions that are critical in today’s fast-paced digital landscape.

Stream Pipelines new connector for Snowflake is a cutting-edge solution empowering business with near real-time data insights in Snowflake, streamline data integration processes and maximize power of Snowflake data cloud platform.



Seamless data integration between Infor ERP's streaming data and Snowflake

Infor Data Fabric streaming architecture provides an end-to-end stream between the ERPs and customer managed destinations, reducing any stops in the data movement. Near real-time publishing capabilities in the Infor ERPs, such as Infor M3 and Infor LN, and streamlined delivery to data warehouses are essential components for supporting operational intelligence and analytics. The continuous push-based delivery model offered by Stream Pipelines addresses the challenges of data availability and freshness, ensuring that functional users have the most up-to-date information at their fingertips.

The Stream Pipelines architecture seamlessly connects Infor ERP near real-time publishers with Snowflake using Snowflake's Snowpipe Streaming API. This enables businesses to publish and access data in near real time directly within their Snowflake tables, supporting timely insights and operational agility.

The seamless integration between Infor Data Fabric and Snowflake Data Cloud unlocks unprecedented opportunities for innovation and growth, fostering informed decision-making and ensuring that your enterprise remains agile, and data driven.



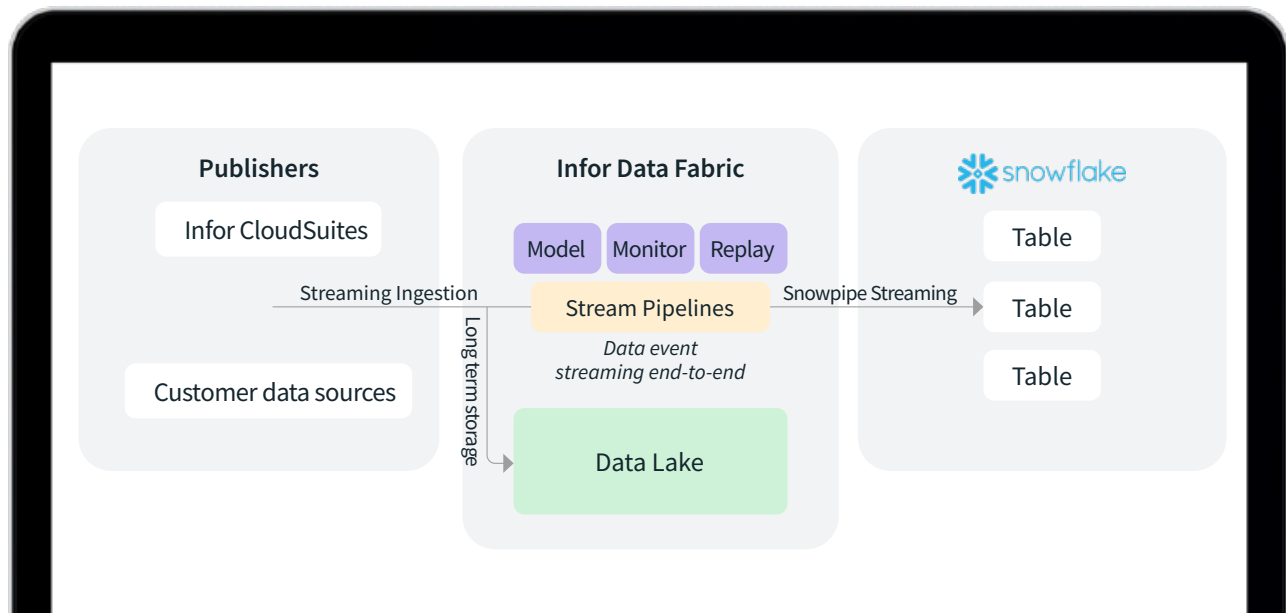
Confidence in data movement

Stream Pipelines enable you to effortlessly define and manage your data pipelines, subscribing to specified Infor enterprise application tables and their associated data events. By utilizing stream pipelines, you can operate and monitor your data processes seamlessly, ensuring data integrity and operational efficiency. As a key component of our data management strategy, Stream Pipelines play a crucial role in the movement and reliability of information across the organization.

With Stream Pipelines, track events that are flowing through in near real-time, providing your business with the confidence that data is being published accurately and without delay. This level of transparency is vital for maintaining trust in your data and the insights derived from it. It's a foundation that supports robust decision-making and operational agility.

The Replay Queue function of Stream Pipelines further enhances this confidence by securing data events for a specified duration. This allows for meticulous examination and, if necessary, the reprocessing of data in the event of an error. By offering this safeguard, the feature ensures data preservation and provides the opportunity to address any discrepancies without the need to reimport from the original data source.

As companies increasingly rely on data-driven strategies for competitive advantage, the integration between Infor Data Fabric and Snowflake represents a significant leap forward in operational intelligence and analytics. For those looking to harness the full potential of their data and evolve with the pace of technological innovation, Infor Data Fabric Stream Pipelines for Snowflake offers an indispensable resource for growth and success.



To learn more about Infor Data Fabric Stream Pipelines for Snowflake and how it can transform your data integration processes, contact us today innovation@infor.com for a personalized demonstration and consultation.

Additional Resources:

[Data Fabric – Infor Developer Portal](#)

[Infor OS: V2024.10 RT Using Data Fabric Pipelines - Snowflake Destination](#)

About Infor

Infor is a global leader in business cloud software products for companies in industry-specific markets. Infor builds complete industry suites in the cloud and efficiently deploys technology that puts the user experience first, leverages data science, and integrates easily into existing systems. Over 67,000 organizations worldwide rely on Infor to help overcome market disruptions and achieve business-wide digital transformation.

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