Informatica PowerExchange Change Data Capture Option

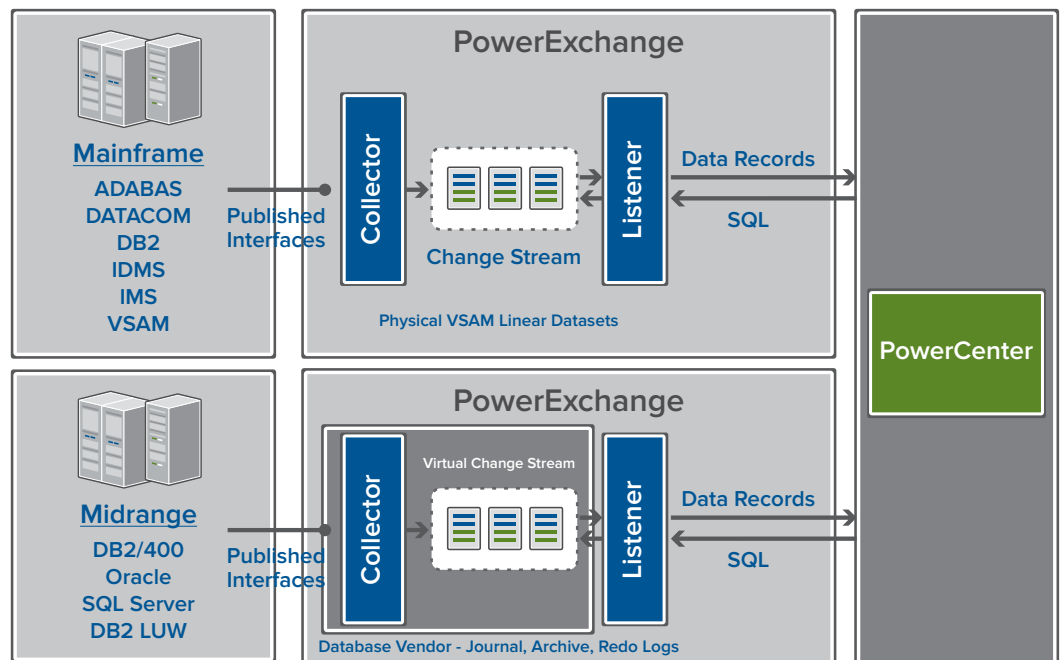## Satisfy Requirements for Up-to-the-Minute Data with Change Data Capture

BENEFITS

- Improve IT responsiveness to business needs

- Enhance business agility

- Reduce IT costs

Business activity monitoring and operational intelligence initiatives require visibility into business events. Growing data volumes shrink your batch windows. Your operational data integration, enterprise data warehousing, master data management, and data synchronization projects need the freshest data.

The Informatica® PowerExchange® Change Data Capture Option captures changes in a number of environments as they occur, enabling your IT organization to deliver up-to-the-minute data to the business. Based on patented technology, this option recognizes business events—such as customer creation or order shipment data—by capturing the database inserts, updates, and deletes underlying these events as soon as they occur. This captured stream of database activity can be delivered to multiple targets in real time, without intermediate queues or staging tables. Event-driven data captured by this option can be transformed and cleansed continuously and used to drive business processes. This option is available for all popular enterprise database systems to support right-time data access and delivery regardless of source.

The Informatica PowerExchange Change Data Capture Option captures the database inserts, updates, and deletes that underlie user-defined business events. An intuitive GUI supports rapid impact assessment and deployment as changes arise, powered by automated metadata capture.

Key Features

Flexible, Noninvasive Capture Changes

The PowerExchange Change Data Capture Option is designed to capture changes from relational and pre-relational databases on mainframe, midrange, and commodity systems. Your IT team can choose between extracting all updates or viewing only the most recent version of selected data.

Secure, Codeless Access to Captured Changes

The PowerExchange Change Data Capture Option requires no code to provide secure access to captured changes. It accesses changes once and routes them to multiple targets without using staging tables or intermediate queues. The option supports a variety of latency requirements and preserves business-level transactional semantics during data delivery.

Visibility Into Captured Changes

The PowerExchange Change Data Capture Option reveals captured changes from committed transactions only. This visibility ensures your IT team delivers only the most recent version of the data—even when hundreds or even thousands of changes are made to it daily.

Easy-to-Use Graphical Interface

The PowerExchange Change Data Capture Option features an intuitive GUI that supports rapid impact assessment and deployment as changes arise, powered by automated metadata capture.

Key Benefits

Improve IT Responsiveness to Business Needs

The PowerExchange Change Data Capture Option helps IT respond faster and more accurately to business requests and deliver on SLAs by supporting right-time access and delivery of data, regardless of its source. In addition, the option improves system uptime by eliminating the need for batch update windows.

Enhance Business Agility

The PowerExchange Change Data Capture Option helps your organization adapt rapidly to changing conditions. Virtually any application can create business events within the option without modification. As a result, technology doesn't drive your business processes; business events do.

Reduce IT Costs

The PowerExchange Change Data Capture Option saves both infrastructure resources and your IT team's valuable time. It speeds development and deployment while reducing errors, with easy-to-use tools and processes that replace complex, expensive hand-coding with point-and-click development methods that require minimal training. In addition, the option uses fewer machine resources than batch data access, freeing capacity for other tasks.

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