

Luxury Resort and Casino



Company Profile

One of the world's largest hotels, this luxury resort and casino is located on the Las Vegas Strip. Among other awards, the resort has earned a AAA five diamond, Mobil five-star, Forbes five-star and Michelin five-star, and is considered to be one of the finest hotels in the world.

Informatica Upgrade

In this project, Pacific Data Integrators (PDI) handled the upgrade for Informatica PowerCenter, PowerExchange, Data Quality, and Data Validation Option (DVO).

Business Challenges

The existing version of Informatica PowerExchange Real-Time Change Data Capture (CDC) did not support the Oracle version the company was using and could not capture changes in Oracle data

Large batches of data overloaded PowerCenter's capacity

The existing number of PowerCenter Cores was insufficient to bring the desired number sources into the Enterprise Data Warehouse. This prevented integration of all data sources and limited business users' view of the company's data

Project Goals

Extend the Informatica PowerCenter environment with additional cores to increase the number of sources that can be brought into the Enterprise Data Warehouse

Implement Informatica PowerExchange Real-Time CDC for Oracle to ensure all changes in Oracle data are captured and integrated. This would allow for accurate, up-to-date Oracle data to be included in real-time analytics.

Leverage a grid configuration to spread the Informatica PowerCenter workload across nodes and prevent data from overloading the PowerCenter capacity

Project Results

Event-driven Oracle data is captured and updated in all integrated systems, providing decision makers with real-time data

Additional data sources can be brought into the Enterprise Data Warehouse, increasing the visibility of data and fueling more accurate analytics

Informatica PowerCenter runs on a grid configuration, boosting its performance and creating a faster turnover of data