

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 PowerCenter & Data Quality Implementation

In this project, Pacific Data Integrators (PDI) implemented Informatica PowerCenter, PowerExchange, Data Quality, Data Validation Option (DVO), and Proactive Monitoring by leveraging PDI's suite of automation tools.

Project Summary

As part of this project, Pacific Data Integrators (PDI) created an anti-money laundering solution that allowed the client to detect and protect itself from frauds on the casino floor. Our implementation of Informatica PowerExchange CDC gave the Anti-Money Laundering Compliance Business Unit near real-time reports and an unparalleled view into possible frauds.

PDI also upgraded all casino systems, giving the client the ability to process credit card chips in all departments.

This project was delivered in record time by leveraging PDI's own automation tools. These tools can rapidly migrate data and were used to bring data from the casino's reservation systems, gaming systems, floor operations, and restaurants in real-time. This was accomplished in a matter of weeks, whereas comparable projects undertaken by other vendors would take months to complete.

The casino business must stay up to date on technology in order to provide a flawless customer experience and maintain the highest levels of security. PDI has worked in the casino industry for years. Our consultants are intimately familiar with this business and assist our clients in reaching a 360-degree customer view.

Business Challenges

The existing data warehouse's design was not compliant with today's data warehouse design and integration standards, making new system integrations difficult and time consuming

ETL's failed frequently, resulting in a delayed delivery of reports to business users and delayed analytics

The data warehouse was built seven years ago and suffered from daily integration failures, preventing employees from viewing data on time and resulting in frequent data warehouse crashes

Project Goals

Overhaul the database and ETL architectures to implement updated standards and strategies

Refresh the incoming data from various sources into the data warehouse without any failures and deliver data on time for business users to generate their reports

Increase the flexibility and scalability of the database and ETL systems, enabling them to support new initiatives

Project Results

Implemented Informatica PowerExchange CDC for SQL Server and Oracle to load data from various source systems into the Teradata Database

Implemented Salesforce integration with Informatica PowerCenter, enabling employees to foster closer relationships with customers and more accurately track customer data

Leveraged Informatica tools to integrate data from IGT Gaming, Opera Hotel Management, Genesis-Bravo Poker, Symphony, Medallia, and Enterprise Marketing Encryption

Enabled near real-time reports for the Anti-Money Laundering Compliance Business Unit

Conducted an Opera Hotel Management upgrade, giving the client the ability to process credit card chips

Increased data quality and created the ability to track the history of quality measures

Profiled, cleansed, standardized, and validated all address data