QUICK VIEW

Seamless Transition from Informatica to Boomi for Greater Optimization

INDUSTRY

Non-Profit Organization

Business Challenge:

A non-profit organization had been using Informatica Cloud Services (IICS) for their integrations and were facing various business challenges while integrating their cash sales, payments into NetSuite ERP, Workday, and Salesforce using Informatica as the middleware platform. The customer encountered several challenges while using the Informatica platform:

- **Scalability Limitations:** A higher volume of transactions incurred resulted in more licensing costs due to the nature of Informatica pricing that increased with data volume.
- **Development & Maintenance:** Maintaining Informatica Data Integrator & Application Integrator became resource-intensive as time-to market was longer. Due to functionality limitation on the IICS instance development took longer than expected.
- **Integration Complexity:** There was difficulty managing integrations between diverse business processes (Cash Sales, Journal Entry, Credit Amounts, Installation Plans) and NetSuite ERP.

The customer began evaluating other iPaaS solutions and decided to select Boomi as their enterprise-wide integration and automation platform.

The Solution:

OSI Digital has formulated a very effective and time-tested approach to migrate Informatica to Boomi. This process is not an "as-is" migration, but a pragmatic approach to leverage the more advanced features of the Boomi Platform and implement a more robust and optimized solution. Our approach includes evaluating the Informatica environment by analyzing PowerCenter Data Integration and Application Integration logic and reviewing VBScript embedding and scripting. The OSI team's solution provided:

- **Enhanced Connectivity:** Pre-built connectors, enabled seamless integration with various applications, databases, and systems, providing better connectivity options compared to IICS.
- **API to ERP & Database Integration:** Migrated existing Informatica integrations between APIs, NetSuite ERP, and databases for improved scalability, reliability, and data security.
- **Cloud-Native Scalability:** The platform's cloud-native architecture leveraged the scalability, flexibility, and resilience of cloud infrastructure.
- **Low-Code/No-Code Development:** Simplified creation and management of integrations for developers and non-developers alike, potentially reducing development time and improving productivity.
- **High-Volume Transaction Handling:** The Boomi platform's architecture is built to handle large volumes of data and transactions, allowing the user's integration architecture to scale as the business grows.
- **Secure API Access:** Implemented secure access to Boomi APIs via the Boomi API Gateway with Okta's OAuth2.0 OpenID Connect (OIDC) for secure application-to-application interactions. This ensured authorized applications could access APIs with proper authentication and authorization controls.

Results:

- Replicated Informatica functionality and accelerated migration by reusing existing Informatica artifacts such as request & response formats, custom scripts, and logging mechanisms
- Migration approach went beyond a simple a "lift and shift" process as refined functionalities and optimizations were tailored to users' specific requirements
- Extensive Data Integration scripting used in Informatica for mapping was minimized.
- Existing Informatica developers can now easily grasp Boomi's logic and development processes due to the platform's no-code/low-code approach
- Achieved a future-proof, modular architecture with reusable components which reduces reliance on custom code improving overall integration maintainability
- Developed API services and made them accessible through the API Gateway
- Reduced licensing costs, especially when transaction volumes were a significant factor

Technologies:

- Informatica Cloud Service (DI & AI)
- NetSuite ERP
- Salesforce CRM
- Workday HR

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