Invenergy

Invenergy

INDUSTRY

Energy

LOCATIONS

HQ: Chicago, Illinois

URL

www.invenergy.com

Company Overview

Invenergy is a multinational power generation development and operations company. The company develops, builds, owns and operates power generation and energy storage projects in the Americas, Europe, and Asia. Its portfolio includes wind, solar and natural gas power generation and energy storage facilities.

boomi
A Dell Technologies Business

Business Challenge:

The integration layer is a critical piece that orchestrates all the applications which played a key role in managing the energy solutions at Invenergy. Any downtime in this layer was a major revenue hit for the business. With Oracle SOA in play, the challenges were multi-fold. There were frequent and long downtimes, big maintenance windows coupled with high maintenance costs for the required personnel. Also, over time, larger volumes of data slowed down the Oracle SOA eventually running into "out of memory" exceptions which impacted the company.

The Solution:

Invenergy partnered with OSI Digital to shift from Oracle SOA to the Boomi platform in order to help the customer modernize their business and drive tangible value. The OSI team ensured loosely coupled architecture was followed and reusable artifacts were built for efficient and effective delivery. Boomi's intuitive UI and its capabilities with environment extensions, process scheduling, ease of setting/updating parameters (like introducing new countries, markets) enabled Invenergy to manage partner application upgrades. This included new certificates, updated URLs, changed configuration parameters all without any technical team involvement and zero downtime, unlike SOA which required both.

Boomi's multi-node server kept the data flowing day in day out without the any downtime for the business. Also, the monitoring capabilities to track the data flow through a Boomi process saved the day in case there was a need for a detailed dive-in. Boomi's seamless integration with Okta also ensures the Boomi processes and the data remained secure. Additionally, Boomi provided tailored access to individual users which was all handled through simplistic steps in the UI.

Along with the migration to Boomi, reusable artifacts were built for common services and enhancements were completed to capture critical pieces of information ensuring effective tracking and error handling through smart logging and notification.

Technologies:

⟩ Boomi Integration Platform

⟩ Oracle Cloud ERP

⟩ Infor EAM

⟩ MS SQL Server

⟩ Okta

Results:

⟩ Less dependency on the technical team and zero downtime

⟩ Easily changing configurable parameters like partner certificates, keys, passwords, connections, schedules without impacting live processing

⟩ Effective management of Boomi processes such as updating schedules with manual triggers when needed

⟩ Efficient monitoring and notifications through the process reporting console

⟩ Much improved performance, security and SLAs

⟩ Delivery of data insights to key users for better decision-making

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