

## Modernizing Legacy Application with Cloud iPaaS



### Overview

The client decided to build its own IT infra and modernize its legacy applications, due to logical separation. Using Tech Mahindra's integrated enterprise solution, we helped the client in building a low cost, light weight, single cloud based iPaaS platform – Boomi. The team at TechM also took care of the business-as-usual (BAU) aspect of the applications to provide one stop service for everything. Consequently, the whole transformation enabled the client to achieve multiple milestones.

### Client Background and Challenge

The client is a leading packaging company with over 43 manufacturing plants, distribution centers, and over 6,700 team members who were using a large set of legacy applications within their ecosystem. Additionally, the whole integration was scattered with multiple applications. The client wanted to improve infrastructure scalability and security. The key challenges were:

- ▶ **Increasing maintenance cost:**  
As the client was on legacy infrastructure, IT resource consumption at an application level was high giving rise to complex performance and capacity management issues in business continuity.
- ▶ **Modernization of legacy system:**  
As the system was complex and inflexible, there was a need to upgrade the whole legacy system to enhance operational performance.

## Our Approach and Solution

Tech Mahindra played the role of a transformation partner by replacing legacy integration platform to a scalable and flexible cloud-based integration infrastructure. The adopted approach is as follows:

- ▶ Rebuilt the whole Boomi platform due to unstable infrastructure for server message block (SMB) mount which is Windows based.
- ▶ Successfully migrated application to application (A2A) interfaces before the conclusion of support of the existing solution with no impact to business users.
- ▶ Over 300 interfaces varying from different domains has been successfully moved from multiple legacy platform to Boomi.
- ▶ Successful moved the highly complex and critical customer experiences integration to Boomi.
- ▶ The scheduling mechanism with Dell Boomi helped schedule file transfers, i.e., pull specific files from satellite application at specific time of the day/month and based on the required frequency.
- ▶ Established a post project, interface governance board to provide oversight of all interfaces and the new environment.
- ▶ The interfaces in-scope had various connection types and complexity that is implemented with the efforts on transformations, message hierarchy, validation, filtering, security, error handling, notifications, scheduling, routing, and configurations of connectors.



## Business and Community Impact

- ▶ Cost effective and improved operational efficiency with total cost of ownership (TCO) being 30% lesser than legacy application as Boomi runs on an auto pilot mode keeping the maintenance very low.
- ▶ Cloud-based solution simplified ongoing administration with 100% faster on-prem architecture.
- ▶ Ease of development and upgrades which is 50% faster to develop and deploy.
- ▶ Strategic product extensibility in later phases.



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