Enhancing
ERP PERFORMANCE
by the Power of Cloud

Our Client is one of the Asian branches of Company A, a 100-year-old multinational corporation that manufactures food and biotechnology products.

The Time for Change is Now

The headquarter has already deployed SAP S/4HANA – a future-ready enterprise resource planning (ERP) system with built-in intelligent technologies. Our client, however, was still using an on-premise ERP system from another provider to manage their 200 domestic distributors. Due to limitations in customizing and monitoring data for financial management and human resources, the former ERP system was causing problems in data interoperability with other branches and the headquarter. Thus, to facilitate smooth cross-function transactions with the Headquarter, our client decided to switch to SAP S/4 HANA. With a rapid implementation methodology for a broader range of users, SAP S/4 HANA was expected to help our client deal with constantly-changing business models seeding in the manufacturing sector.

Finding a safe home for SAP S/4 HANA

As the business continuously expanded; the on-premise infrastructure could hinder the speed at which ERP could respond to changes. Therefore, our client decided to move the SAP workload on to a Cloud-based infrastructure. This new software-as-a-service (SaaS) ERP system allows our client to leverage robust technological solutions in a more accessible, cost-efficient way.

37% | **Increase in efficiency across hardware, software, and labour costs**

Services and Solution

Our client expected to have the fastest delivery with the best-in-class quality of end-to-end services. The project can be divided into two phases:

ERP Make-over

To assist our client with migrating data from their former platform to SAP S/4 HANA, FPT devised a detailed strategic roadmap. Quickly identifying and designing functional changes based on a Fit/Gap analysis, FPT included a detailed migration path for each workload, including MM, SD, PP, LE, PI, FI-CO, BI/BO. The analysis is necessary for identifying business processes and functional areas that align with our client's business goals. From the listed down matches (fits) and mismatches (gaps), FPT has created a new blueprint for the client, which focuses on acknowledging, authenticating and documenting project scope, specifications and objectives conceptually and practically. This methodology enabled system users to question different scenarios while mitigating risks during the implementation phase. User Acceptance Test was thoroughly conducted, followed by training and go-live support.

Running ERP in the Cloud

Deploying the infrastructure system on the cloud was considered a more compatible and cost-effective option. Microsoft Azure was chosen as a cloud infrastructure based on its flexibility for scaling on SAP HANA. The project team had prepared the calculation of the storage account requirements and replication bandwidth requirements for the DR before migration.

FPT developed a detailed plan for switching from DC to DR in emergencies including different potential scenarios, to ensure a smooth and undisruptive transition. The client's business continuity plan (BCP) was tested, and dev-test copies of production workloads were tried on Azure to guarantee that the switching would not impact the users. Along with that, the new internet Leased Line, which offers dedicated full-duplex internet bandwidth with industry-backed SLAs was proposed.

Enhanced scalability to support evolving business growth

Real-time analytics and reporting

Improved communication between the headquarter and the branch

Values

System

- The new Azure-based ERP system provided the computing power to run business applications smoothly with high-quality user experience.

- **A 37 per cent increase** in efficiency across hardware, software, and labour costs has been reported thanks to the use of the renovated ERP system

Business

- The project increased productivity and responsive communication among all branches significantly.

- In addition, the new system promises to enable further innovative and data-driven solutions which can help the client yield more competitive advantages in the future.