

Powering S/4HANA transformation using SAP BTP



Problem statement

The client is a large European multinational banking and financial services company that provides local and international banking services. With multiple business units, each adhering to its own business processes and standards, it faced difficulties in managing and overseeing processes due to the utilization of multiple ERP systems. Because of this, it needed to consolidate and streamline operations and transition from on-premises to the cloud while reducing the total cost of ownership.

Solution

Cognizant offered S/4HANA transformation services so the client can easily manage all business processes in a single, integrated, and optimized platform. For a smooth S/4HANA implementation, Cognizant provided SAP BTP (Business Technology Platform)-based solution with the governing design principle of “keep the core clean”—keeping all customizations away from the core and building extensions for specific requirements on SAP BTP. This allowed cloud migration to remain future-proof against any upcoming SAP technology upgrades.

Some key highlights of our solution on SAP BTP include:

- Data exchange solution between S/4HANA and Enterprise Data Lake.
- Cloud integration for electronic bank statements, balance reconciliation, payment processing and expense file processing in Concur.

- Chatbots for self-service on invoice status and vendor details for bank accounts.

Cognizant’s technical solution includes:

- Data exchange solution using BTP services between S/4HANA and Enterprise Data Lake on Azure, SAP Data Intelligence Cloud, HANA Cloud (including HANA Data Lake and Azure Data Factory).
- Integration with Collibra (an enterprise data governance platform) to register the datasets against the producers¹.
- Auditing and monitoring data movements using quality rules for timeliness and consistency via SAP Data Intelligence Cloud and HANA Cloud.
- Access to SAP Integration Suite on BTP to enable application integrations between S/4HANA and applications for electronic bank statements, payments and expense management (Concur).
- Enabling S/4HANA data consumption using APIs (ABAP CDS View and ODATA API’s) for cloud integration services on BTP.
- Keeping the core clean via value mapping directly in BTP layer.
- Application developments through Fiori and native HANA apps.

¹ Individuals/teams within an organization who are responsible for data acquisition, creation and maintenance, hence playing a pivotal role in data life cycle.

Features

- Data curation and exchange layer
- Audit and reconciliation
- Chatbot screening
- Process integration

Benefits

Cost reduction:

Optimizing the cost by merging finance systems, improving team structure and method of operations, and moving to a cloud platform with effective BizDevOps.

Complexity reduction:

Harmonizing the business processes including the connections to other business areas, to reduce complexity.

Customer value enhancement:

Improving workflow and giving internal customers more value.

Improved compliance:

Improving the quality and reconciliation of the financial data.

Business agility:

Improving time-to-value by leveraging an Agile-Lean approach.

Why Cognizant

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