

Case Study: Global IT Firm integrates internal systems and SAP® using SAP Cloud Integration with Maventic

The US-based customer provides strategy, advisory services and digital lab facilities for rapid solution incubation, prototyping, and agile engineering to build and scale digital solutions in AI and analytics, cybersecurity, and IoT.

Challenges



Delayed reporting

Data exchange occurred only at set times, causing delays in reporting for timesheets, business partner details, invoice creation, GRN sync, payments, and PO sharing.



Data inaccuracy

Scheduled data exchanges caused delays in accurate reporting, as the latest data might not be synced before report generation.



Inefficient decision-making

The decision-making process was inefficient due to incomplete or inaccurate data.

Business Scenario

Before partnering with Maventic, the client relied on an architecture comprising six internal non-SAP systems and an SAP ERP system, which utilized traditional OData services to sync data in a batch job.

Solution

The customer decided that the best course of action was to integrate its internal systems with SAP so that information exchange happens in real-time. After evaluating a few SAP Cloud Integration partners, they selected Maventic's proposal to utilize SAP BTP (Cloud Integration, Cloud Connector, REST Services) and SAP ERP (ABAP) to make the data exchange real-time within the architecture.

- **SAP ERP (ABAP) integration**

ABAP played a key role in ensuring smooth communication and data synchronization within the integrated architecture.

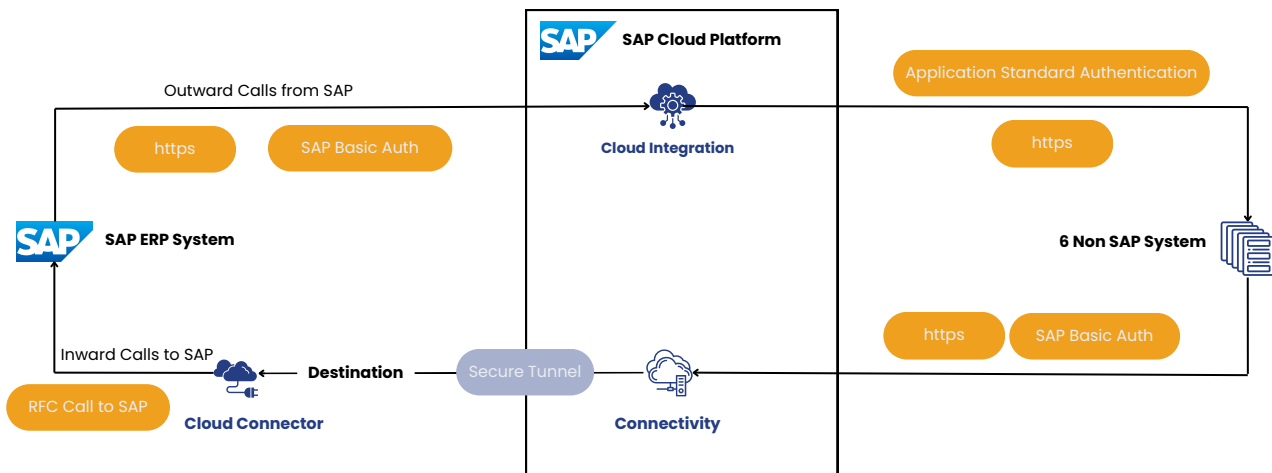
- **REST services for data transfer**

REST Services facilitated efficient data transfer and API-driven interactions, enabling seamless communication between the client's internal systems and SAP.

- **Cloud Connector for secure connectivity**

Cloud Connector provided secure, reliable connectivity between on-premise systems and the SAP cloud environment.

Architecture Diagram



Benefits



Improved data visibility



Enhanced on-demand data access



Reduced manual sync intervention



Ensured accurate reporting analytics



Increased decision-making speed

maventic

+91 829 6969 824

www.maventic.com

experts@maventic.com

AECS Layout - C Block, Brookefield,
Bengaluru, India - 560 037