

From Integration to Innovation: CHS's SAP BTP Journey

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Leading farmer-owned energy, grains, agronomy, and foods cooperative

Originate more than 2 billion bushels of grain
Supply more than 300 million gallons of energy products
Handle more than 2 million tons of crop nutrients
Manufacture more than 1 million tons of animal feed

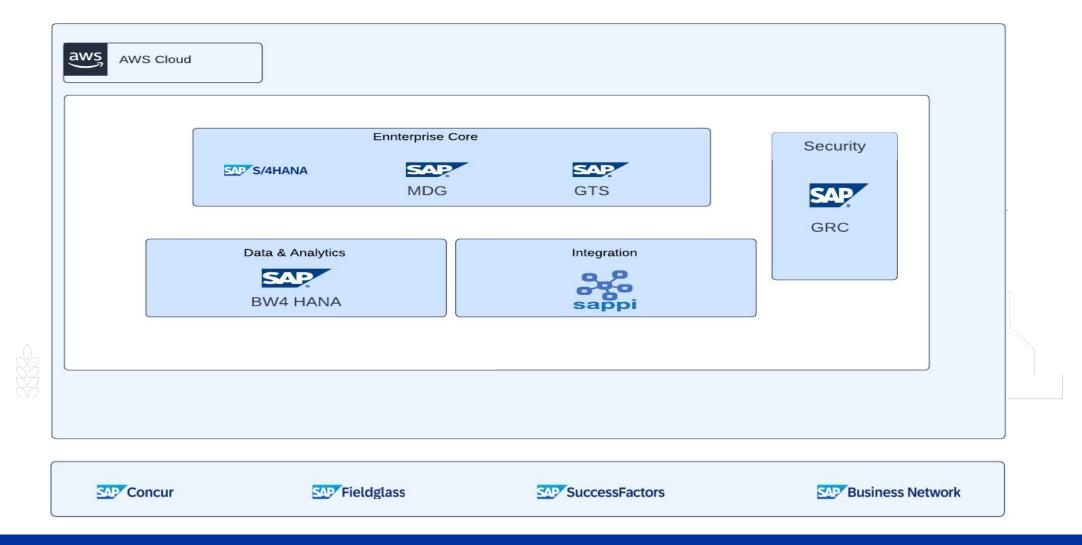


What we do





Our SAP Landscape





CHS's Challenge - Integration



Vijay Gonuguntla

Principal Software Engineer
SAP IT Integration

We need a **middleware platform** with capabilities to **integrate** on-prem and SAAS applications.



CHS's Challenge – Front End



Jeff Carty

Manager, IT Engineering
CRP IT App Development

CHS system landscape is quite complex containing many SAP systems. Our users needed a single **unified launchpad** to access all of their applications in one place.



CHS's Challenge - Security



Senior Manager SAP Security

SAP Cloud solutions requires an efficient and compliant approach to authentication and user provisioning. We need a solution that can effectively handle risk analysis and manage user provisioning

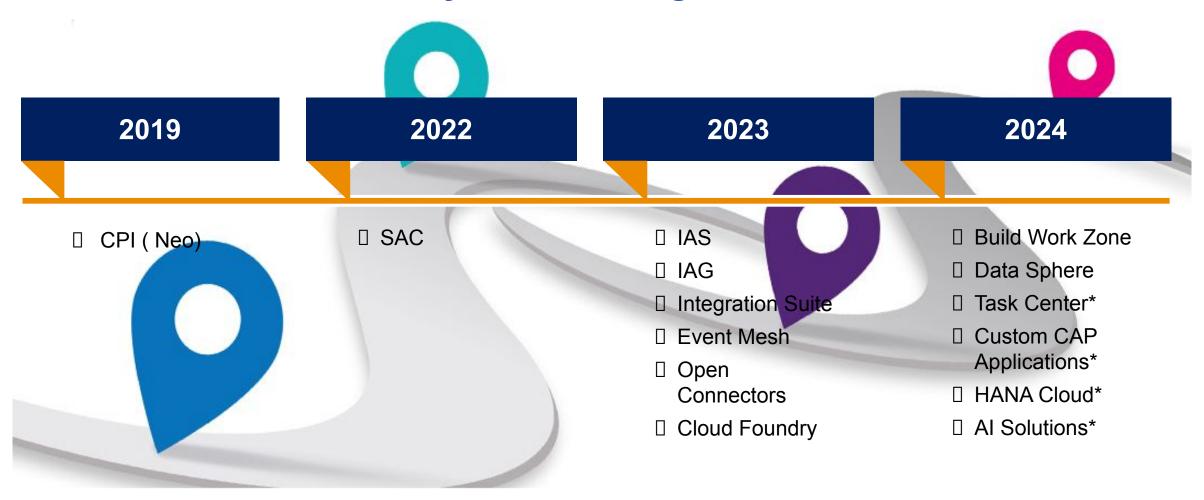


We found SAP BTP has answers for these challenges





CHS's SAP BTP Journey - From Integration to Innovation ...





Execution Challenges – Adjustments

Neo Sunset

Included migration plan to Cloud Foundry in overall SAP BTP strategy.

Documentation / Knowledge gaps

Documentation for BTP was evolving. We worked with SAP Max A and our partner Mindset to plug in the gaps.

Cloud Security

Included IAS/IPS and IAG in our BTP road map and implemented them to build a comprehensive security process for SAAS applications.





Execution Challenges – Partnership selection

- Mindset Consulting selected as the IAG implementation Partner
 - Implementation completed in 2023
- Established Advisory Services with Mindset
- Advisory Services coverage:
 - BTP (enablement, governance, security, usage)
 - Build Work Zone
 - Fiori
 - Clean Core
 - Integration Suite
 - Event Mesh
 - HANA Cloud
 - DevOps optimization
 - Al Tools for SAP IT departments

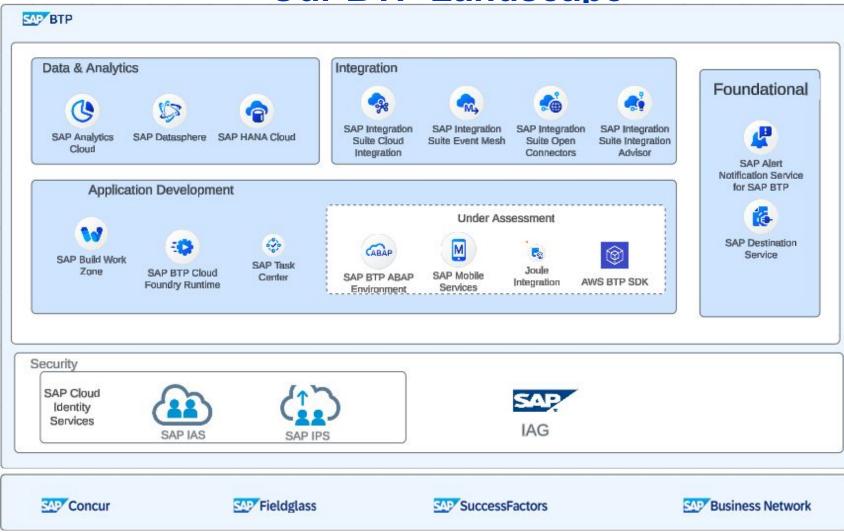








Our BTP Landscape

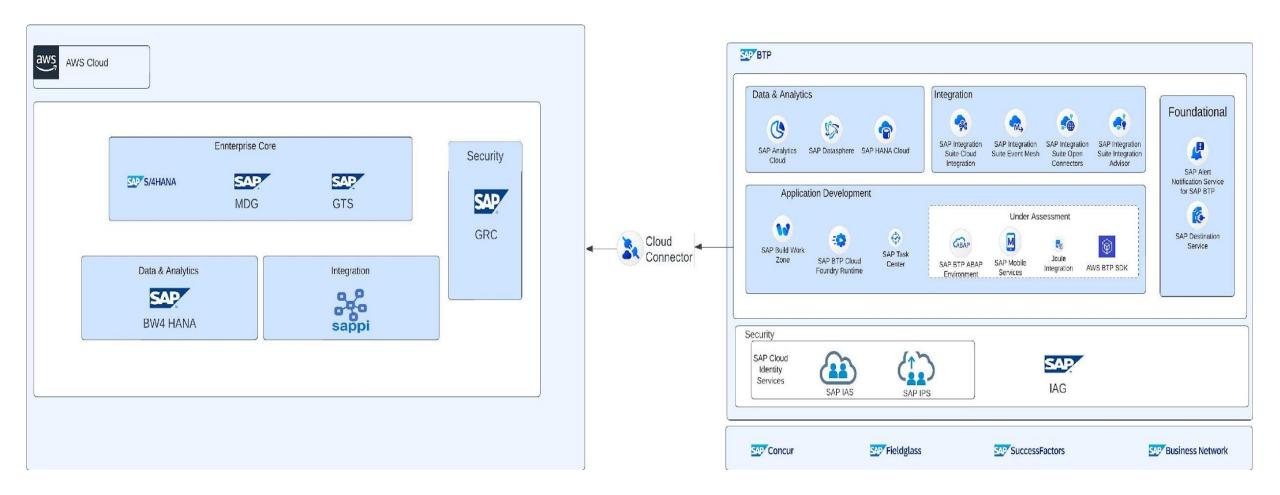






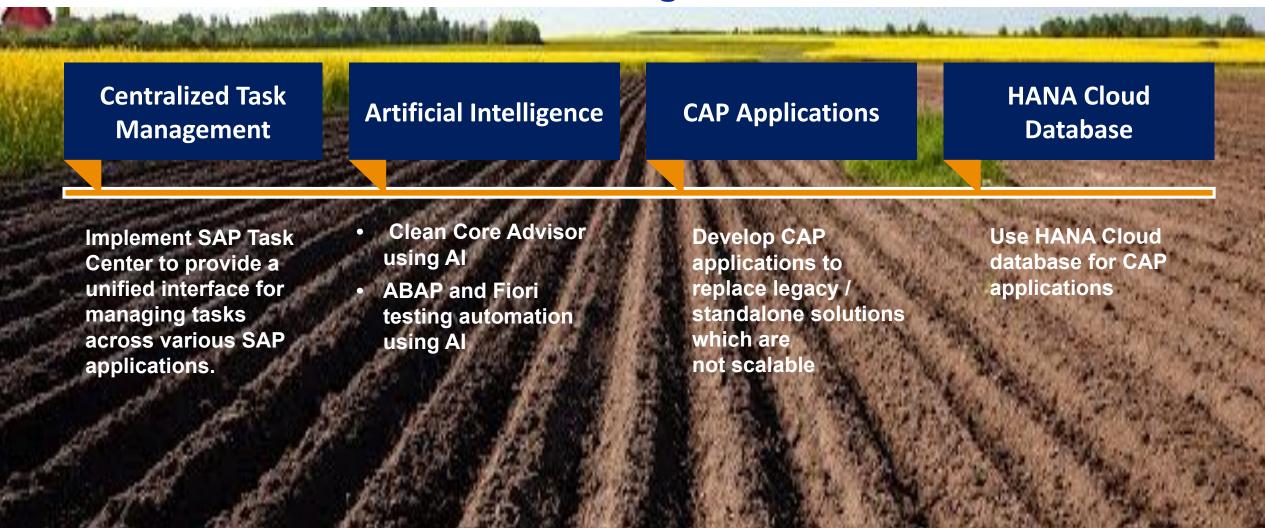


CHS SAP Landscape



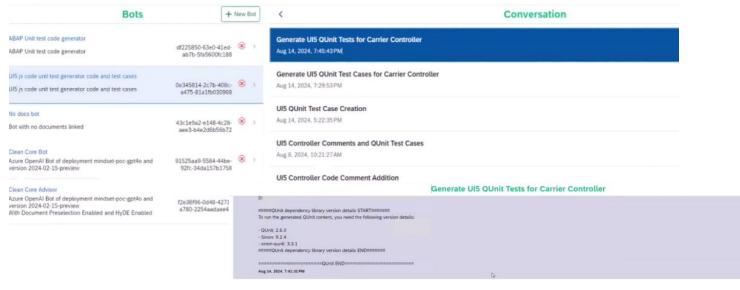


What are we doing next?





Al for SAP IT Teams





Mindset's RAG Framework

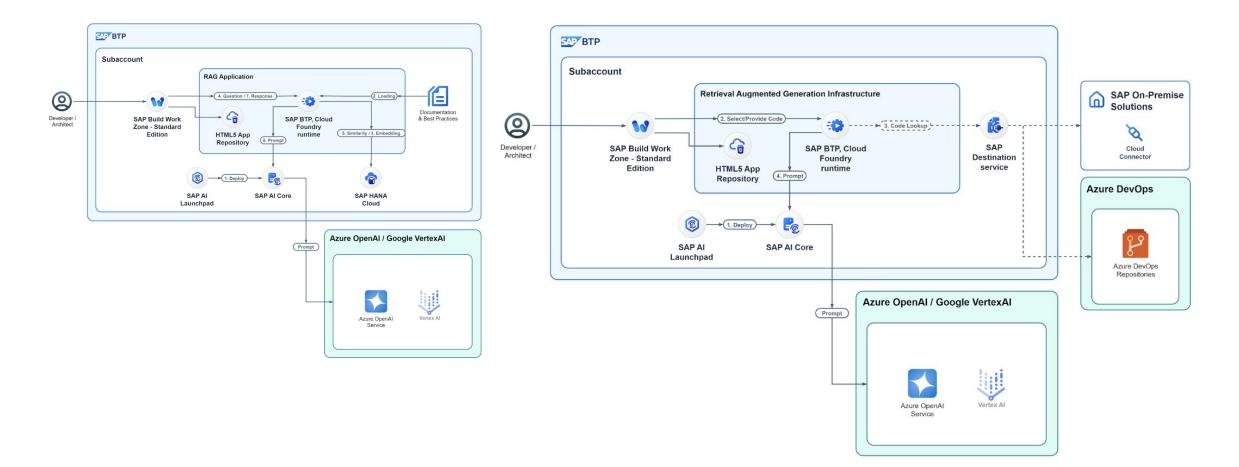
CHS is using Mindset's SAP BTP hosted **RAG Framework** to make the development process more efficient.

The first 2 use cases are:

- A clean core advisor trained with unlimited support documentation and CHS coding standards
- 2. ABAP and Fiori Testing bot to propose unit tests



Al for SAP IT Teams (RAG Architecture)





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