

SAP S/4HANA 1809 TO 2023 UPGRADE (PRIVATE CLOUD DEPLOYMENT)

Client - Largest Agro-based Food Ingredients and Nutraceuticals Manufacturer

Challenges (Prior to Upgrade)

- Existing system (1809) faced performance lags and compatibility limitations with newer SAP features
- Inability to adopt modern SAP Fiori spaces/pages, embedded analytics, and event-driven processing
- Significant volume of custom code and Z-reports required adaptation and remediation
- Required minimal downtime to avoid disruption to production and batch manufacturing
- Legacy SAP DMS and integrations with shop floor systems posed risk during upgrade
- Limited internal expertise to manage end-to-end upgrade lifecycle on private cloud setup

Technologies Covered

SAP S/4HANA 2023, SAP SUM (Software Update Manager), SAP Readiness Check, Custom Code Migration, Fiori 3.0, SAP HANA DB (Upgrade), OS Clustering, SAP DMS, SLT

Upgrade Approach

- Conducted SAP Readiness Check and custom code impact analysis
- Performed sandbox upgrade, followed by development and quality system migrations
- Remediated and adjusted Z-objects, CDS views, and deprecated function modules
- Adopted zero-downtime maintenance strategy using HANA HSR and SUM DMO
- Validated integration scenarios with DMS, SLT, and third-party manufacturing systems

Target Infrastructure

Private Cloud Deployment (On SAP-certified hosting), SAP HANA DB (latest patch), SAP Fiori Launchpad (Spaces/Pages), On-Prem Integrations

Implementation Highlights

- Enabled adoption of S/4HANA 2023 innovations including Fiori 3.0, predictive MRP, and enhanced analytics
- Improved system performance and UI responsiveness
- Achieved seamless continuity for DMS and third-party shopfloor integrations
- Reduced custom object footprint by 20% through refactoring and reuse
- Established a stable, scalable digital core aligned with SAP's long-term roadmap

About Incesol

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