

## SAP IS INTEGRATIONS USING BTP (CLOUD ON PREM HYBRID MODEL)

**Client** - Renewable Energy & Infrastructure Solution

### Challenges

- Required integration of automotive dealer-specific systems with SAP S/4HANA core
- Inconsistent data flows between legacy DMS, spares systems, and SAP
- Lack of real-time interface for vehicle service, insurance, and registration
- Complex mapping and orchestration of non-SAP XML/CSV payloads
- Limited infrastructure to support heavy middleware at on-premise sites

### Technologies Used

SAP BTP (Integration Suite, Cloud Connector, API Management), SAP S/4HANA 2021 (RISE with SAP – PCE), SAP Event Mesh, SAP IS-Auto, XML/EDI/REST Interfaces

### Integration Approach

- Leveraged SAP BTP Integration Suite for scalable IS-Auto process integrations
- Used Cloud Connector to bridge SAP PCE and on-prem dealer systems
- Developed custom iFlows for master data sync, job cards, vehicle service log
- Implemented API-led integration for third-party insurance and registration systems
- Enabled event-driven architecture to capture updates across services in real time

### Target Infrastructure

SAP RISE PCE (Private Cloud Edition), SAP BTP, Dealer DMS & Service Platforms (On-Prem)

### Implementation Highlights

- Integrated SAP IS-Auto components with third-party DMS, Parts & Service tools
- Improved data consistency and turnaround with 90% reduction in manual reconciliations
- Delivered real-time updates to service logs, job cards, and warranty claims
- Supported hybrid integrations for offline-first operations across remote service centers
- Provided a unified, monitored integration landscape using BTP Monitoring & Alerting

## About Incesol

Established in 2011, Incesol is a leading provider of outsourced software development services specializing in SAP, enterprise e-commerce, mobility, and custom application development. With Headquarter in Dallas, Texas, USA, and a global development facility in Hyderabad, Telangana, India.

Incesol delivers both onsite and offshore project solutions tailored to client needs.

Specialized in :

SAP ERP ECC, SAP S/4 HANA, SAP BTP, RISE with SAP, SAP Integration Suite, Successfactors, SAP ERP (Implementation,

### Global Headquarters

Incesol Inc

851 International Pkwy, Suite #100, Richardson, TX 75081,

Tel: (704) – 464 – 6994

### Global Delivery Center

Incesol Software Services Private Limited

Sai Galleria, 4th Floor, Plot No. 472, Road No. 36, Jubilee Hills, Hyderabad – 500033

Mob: +91-7207208877

Email: sales@incesol.com