

Accelerated Chemical Solution Deployment

Preconfigured and Accelerated SAP Chemicals Best Practices template implementation



Infosys Accelerated Chemical Solution Deployment (ACSD) is a unique preconfigured SAP template ideal for chemical corporations with annual revenues of US\$1 billion to US\$10 billion. The uniqueness stems from the fact that it addresses the most difficult part of greenfield SAP implementations – integration with external systems and data migration from various legacy systems to SAP. ACSD is a preconfigured solution built over the SAP Best Practices for Chemicals (BP4C) template.

It specifically covers business processes such as – record-to-report, procure-to-pay,

plan-to-produce, quality management, order-to-cash, plant maintenance, and environmental health and safety. In addition, it supports the integration of major third-party chemical associates, including banks, freight systems, chemical exchange, and forecasting systems, with minimal customization needed within the implementation project. ACSD enables significant reduction in time and effort for SAP implementations – a typical 9 to 15 month greenfield SAP implementation can be compressed to a 6 to 12 months timeline.

Unique accelerators in ACSD

Data migration kit

- Data migration kit for 50+ master and transaction data elements from industry-standard non-SAP legacy systems to SAP
- Includes specification documents, populated data mapping templates, and custom migration objects ready for industry-standard legacy systems
- Includes data upload templates in MS Excel and corresponding upload programs

Finance and controlling

- Data Medium Exchange Engine (DMEE) with Comerica Bank (bank interface)
- Data Medium Exchange Engine (DMEE) with Citibank (bank interface)

Procure-to-pay

- Inbound interface with CTSI / CASS
- Bulk invoice postings of KIRBY invoices

- Inbound interface with TRACK

Production planning

- Forecasting using PICASO
- Customized batch numbering

Quality management

- Sample Manager™ (LIMS) – replaced by SAP standard functionality along with custom report
- Result transfer from GC Chemical Station

Order to cash

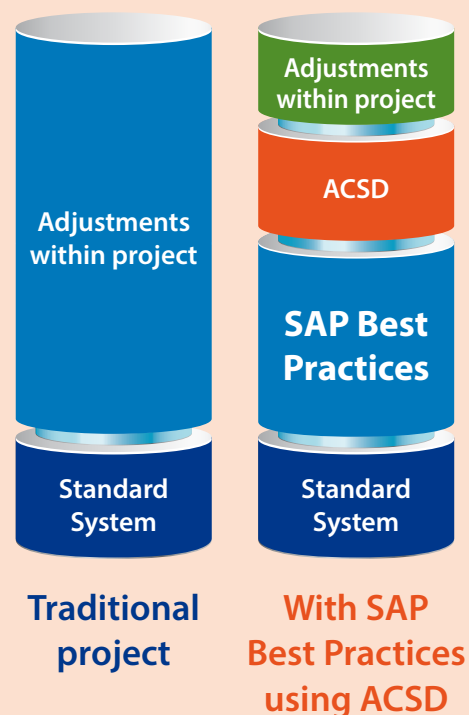
- Outbound interface with CTSI
- Outbound interface with CASS
- Outbound interface with ELEMICA

Plant maintenance

- Outbound interface with TRACK

Security

- Predefined role built for all modules




Challenges in Greenfield SAP implementations

Frequent cost and time overruns due to changing requirements throughout the program lifecycle	The end-solution is not known until integration testing, resulting in lack of timely business user buy-in	Today's agile and competitive business environment does not allow long implementation timelines	Significant threat to go-live dates due to external system integration and data migration issues	Continuous loss of business user bandwidth can severely impact day-to-day operations
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Unique ACSD methodology:

- Can be deployed on both Enterprise HANA on cloud and on-premise SAP installations
- Comes with 100+ ready artifacts for a complete templated implementation kit including – BPMLs, BPDs, RTMs, KPIs, configuration documents, functional specifications, technical specifications, training documents, and unit testing / integration testing scenarios
- 50+ artifacts for migration from relevant chemicals legacy systems
- 20+ artifacts for integration with external systems relevant to chemicals
- Demo-driven prototype approach engaging business stakeholders right from the design phase
- Strong emphasis on SAP BP4C template with value-adding enhancements
- 25+ prebuilt reports and prebuilt custom enhancements

Advantage ACSD

	Clear savings in effort, timeline and cost, 30 – 40 percent when compared to traditional SAP implementations	Flexible options to deploy ranging from on-premise ECC to HANA Enterprise Cloud (HEC)	Certainty in go-live timelines with significant avoidance of risks in integration and data migration
	Elimination of scope creep risk with rapid prototyping within weeks of project kick-off	Supports most third-party chemical associates including banks, freight systems, chemical exchange entities, and forecasting systems	Minimal adjustments within the project; provides visibility and certainty on budget and schedule

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