TCS Accelerated Solution Deployed in SAP (S/4HANA) for the Chemical and Process Industry

TCS ASDS

Chemical and process industries (CPIs) have their work cut out. They are witnessing increasing consolidation due to cost pressure and investor activism at a time when the need to find frontiers of high growth and high margin is urgent. Rapid changes in compliance and reporting have only complicated matters. And, all this is playing out against the backdrop of disruption in the wake of digitization. Organizations are hoping that their experiments with new services and solutions, operational tweaks, and search for cost synergies will bear fruit.

What is needed is a pre-configured and flexible solution that is built on latest digital core and is ready to embrace next-gen technologies. TCS, with its vast CPI experience and expertise in latest digital tools, has come up with an Accelerated Solution deployed in SAP (S/4HANA). It is built on a comprehensive process framework that will help CPIs rapidly set up and run all lines of business smoothly.

Overview

Economies of scale, shorter product cycles, increasing raw material prices and asset management cost and complexities in supply chain due to regulatory requirements - the business and operational challenges facing the CPIs are many. Not to forget the importance of adopting new-generation technologies such as Machine Learning, Artificial Intelligence, IoT, Big Data and Blockchain. They underscore the necessity of a standardized solution that helps in defining a global template for business processes, reduces technological debt and adheres to complex regulations such as REACH and TSCA.

The TCS Accelerated Solution deployed in SAP (S/4HANA) comprises an extensive map of processes across all lines of business for chemical organizations, a KPI model with plant-level KPI tree and comprehensive definitions, processes for compliance and a Windows Word-processing Interface (WWI) for EHS reporting. With modular deployment options and flexible functionality scope, the three flavors of TCS' Accelerated Solution deployed in SAP (S/4HANA) ensure that it is a perfect fit for your organization's size, requirements and strategic focus.

TCS' Accelerated Solution deployed in SAP (S/4HANA) achieves the twin objectives of quick implementation time and cost savings. It comes with comprehensive documentation, and dedicated domain and technology support.

Our Solution

If you are looking for a standard global solution resting on latest version of SAP digital core that can help avoid large implementation time, huge cost, complex rollout across wider geographies and difficulties in replication and optimization of the business process, TCS ASDS is the right fit for you. It makes your life simpler by offering:

Pre-configured solution: over 130+ pre-configured processes specific to CPI organizations. Our solution complements SAP Model Company with additional scenarios and solutions spread across multiple applications such as SAP IBP, SAP APO, WWI, and Analytics (Decision Support System).
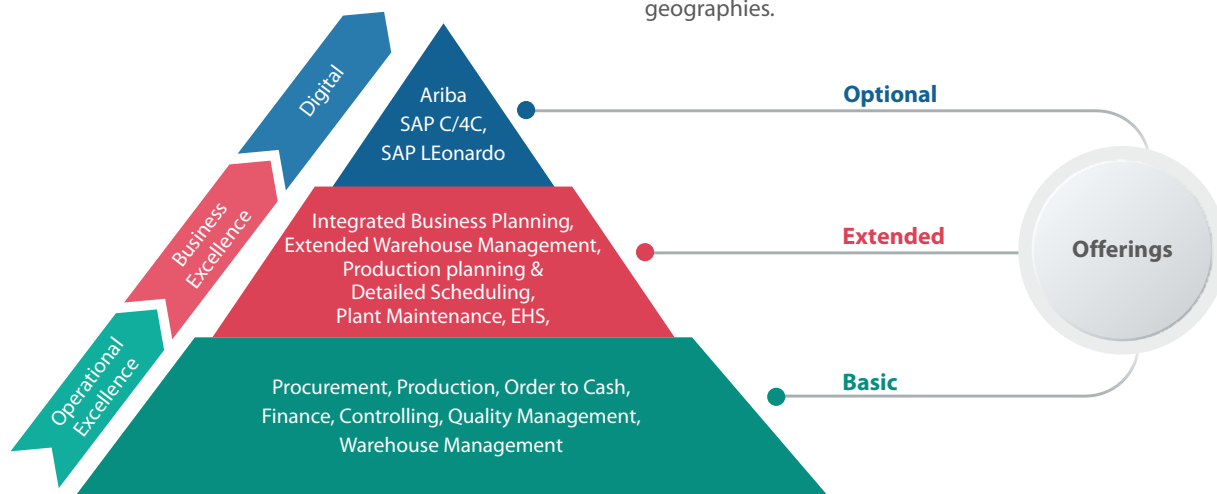
Deployability across all lines of business: ASDS takes in its stride all lines of business – Planning & Scheduling (with SAP S/4HANA and SAP IBP), Procure to Pay, Manufacturing, Order to Cash, Environment Health and Safety, Logistics (including Extended Warehouse Management) and Record to Report.

Total compliance: Covers environment, health and safety processes related to regulations such as REACH.

Rapid implementation: Allows quick deployment that translates into large cost savings.

Comprehensive documentation: Spans business blueprints, configuration, test scripts and user manuals for all the processes.

Smooth roll-out: Enables seamless deployment across geographies.

Digital

Business Excellence

Operational Excellence

Ariba
SAP C/4C,
SAP LEonardo

Integrated Business Planning,
Extended Warehouse Management,
Production planning &
Detailed Scheduling,
Plant Maintenance, EHS,

Procurement, Production, Order to Cash,
Finance, Controlling, Quality Management,
Warehouse Management

Optional

Extended

Basic

Offerings

Benefits

The TCS Accelerated Solution deployed in SAP (S/4HANA) offers the following benefits:

Faster time-to-market - Enables faster realization of value with rapid setup and operation by leveraging pre-configured business processes, comprehensive interface models, and industry best practices.

Performance-driven plant - Transforms your plant into a performance-driven one, measuring and monitoring performance using top-down KPI tree with objectives drilled down to actionable KPIs, along with detailed definitions and dashboards.

Reduction in operational expenses - Improves plant efficiency and reduces undue operational expenses by following pre-configured industry best processes specific to the CPI.

Standardization across multiple plants - Ensures streamlined and standardized operations across all your manufacturing plants with a solution based on industry standards.

Strong domain team - Helps you design best practices in SAP applications with inputs from experts with a rich CPI experience.
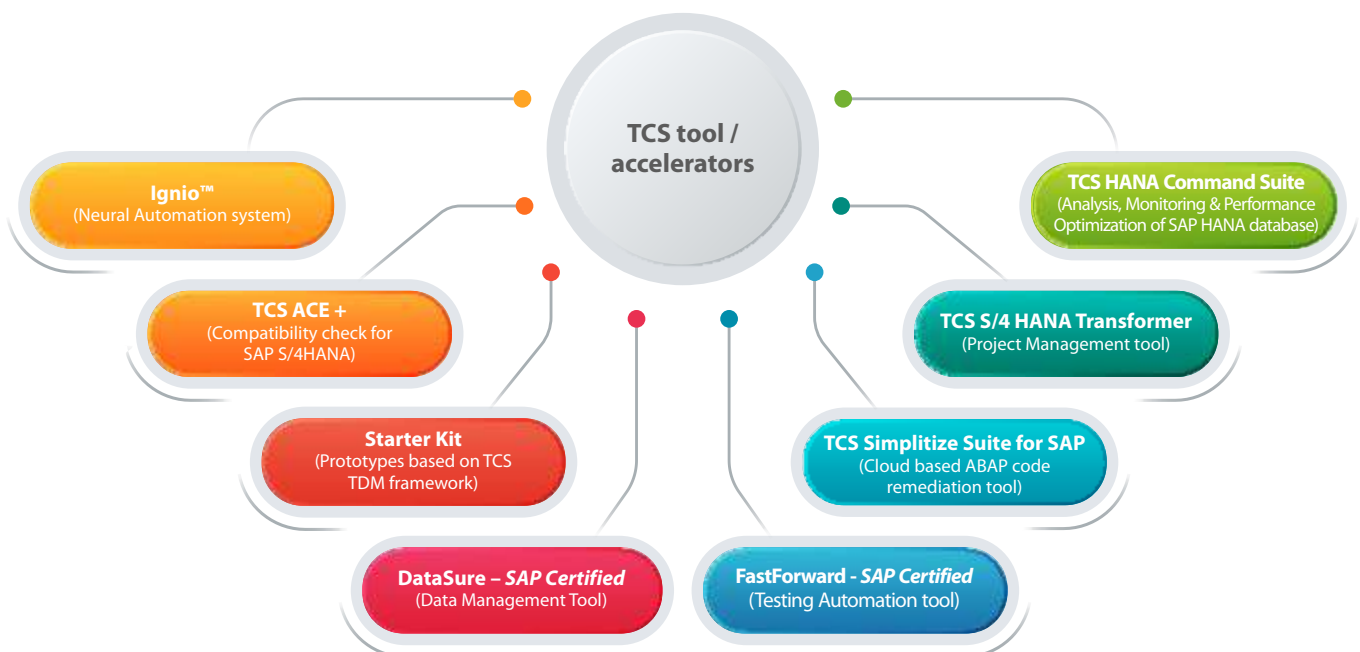
The TCS Advantage

TCS offers the following unique advantages to CPIs and manufacturing organizations:

- **Strategic alliance with SAP -** TCS is the preferred implementation partner for SAP Model Company. TCS has worked on SAP delivery and engagement since 1998. We are the exclusive global partner for SAP's internal landscape, overseeing the maintenance and deployment of all their IT systems. With a 16,500-strong SAP practice spread across the globe, TCS delivers real value to over 450 ongoing engagements.

- **S/4HANA expertise -** TCS has a pool of over 1,700 consultants trained in S/4HANA. Thirty leading organizations from across sectors are working with TCS on their SAP S/4HANA deployments and PoCs. TCS consultants are the largest consumers of SAP learning solutions, constantly striving to keep abreast of the latest offerings from SAP.

- **Innovation and demo centers -** Our global innovation and demo centers in the United States, France, India and Japan help our clients get a first-hand experience of new SAP products and offerings. These centers execute PoCs to validate relevant business processes and scenarios.

- **Dedicated center of excellence -** Our dedicated SAP center of excellence focuses on providing thought leadership across the portfolio of SAP digital technologies to help clients evaluate their roadmap to effective SAP S/4HANA.

- **Business 4.0™ framework -** We have come up with the Business 4.0 framework to help clients transform digitally. Our solution embraces the qualities that make digital leaders out of enterprises: creating exponential value (traditional value creation deconstructed to unveil opportunities); driving mass personalization (customization at scale); leveraging ecosystems (collaboration across industries using API-fication, analytics and other tools); and embracing risk (thinking big and focusing on potential value).

TCS tools and accelerators -
TCS has a comprehensive set of tools and accelerators to enable your transformation initiative.

TCS tool / accelerators

Ignio™
(Neural Automation system)

TCS ACE +
(Compatibility check for SAP S/4HANA)

Starter Kit
(Prototypes based on TCS TDM framework)

DataSure – *SAP Certified*
(Data Management Tool)

TCS HANA Command Suite
(Analysis, Monitoring & Performance Optimization of SAP HANA database)

TCS S/4 HANA Transformer
(Project Management tool)

TCS Simplitize Suite for SAP
(Cloud based ABAP code remediation tool)

FastForward - *SAP Certified*
(Testing Automation tool)

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Experience certainty.

Awards & Recognition

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering and assurance services. This is delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. A part of the Tata Group, India's largest industrial conglomerate, TCS has a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

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