

# SAP digital supply chain transformation



With global supply chains becoming highly volatile and complex, companies are looking to incorporate new digital capabilities to protect their supply chains from future disruptions.

New digital capabilities and emerging technologies offer many benefits, such as better collaboration, increased service levels for buyers and suppliers, paperless processes, cost optimization, quicker decision-making and real-time data analytics and insights for more effective forecasting.

## What is digital supply chain (DSC)?

Digital supply chain transformation is the rethinking, reimagining and redesigning of your supply chain management business process and models using advanced technologies to create an intelligent enterprise. The digital supply chain is:

- **Connected** – DSC connects products, machines, partners and transportation to facilitate efficient, real-time communications, typically using IoT solutions
- **Integrated** – From product life cycle management, preparation, production, distribution and after-market support, processes are implemented across the board
- **Intelligent** – Processes are automated with a level of intelligence to allow self-healing and increased responsiveness

The goal of a digital supply chain is to enhance real-time collaboration and leverage automation to improve the cost, schedule and quality of supply chain processes.

### HCLTech SAP DSC transformation framework kit

Our transformation framework kit is designed to maximize the potential of new-age digital technologies on the SAP S/4HANA platform.

We work closely with your organization to assess current supply chain maturity, demonstrate intelligent solutions, create DSC transformation roadmaps and provide PoCs for key areas of opportunity.

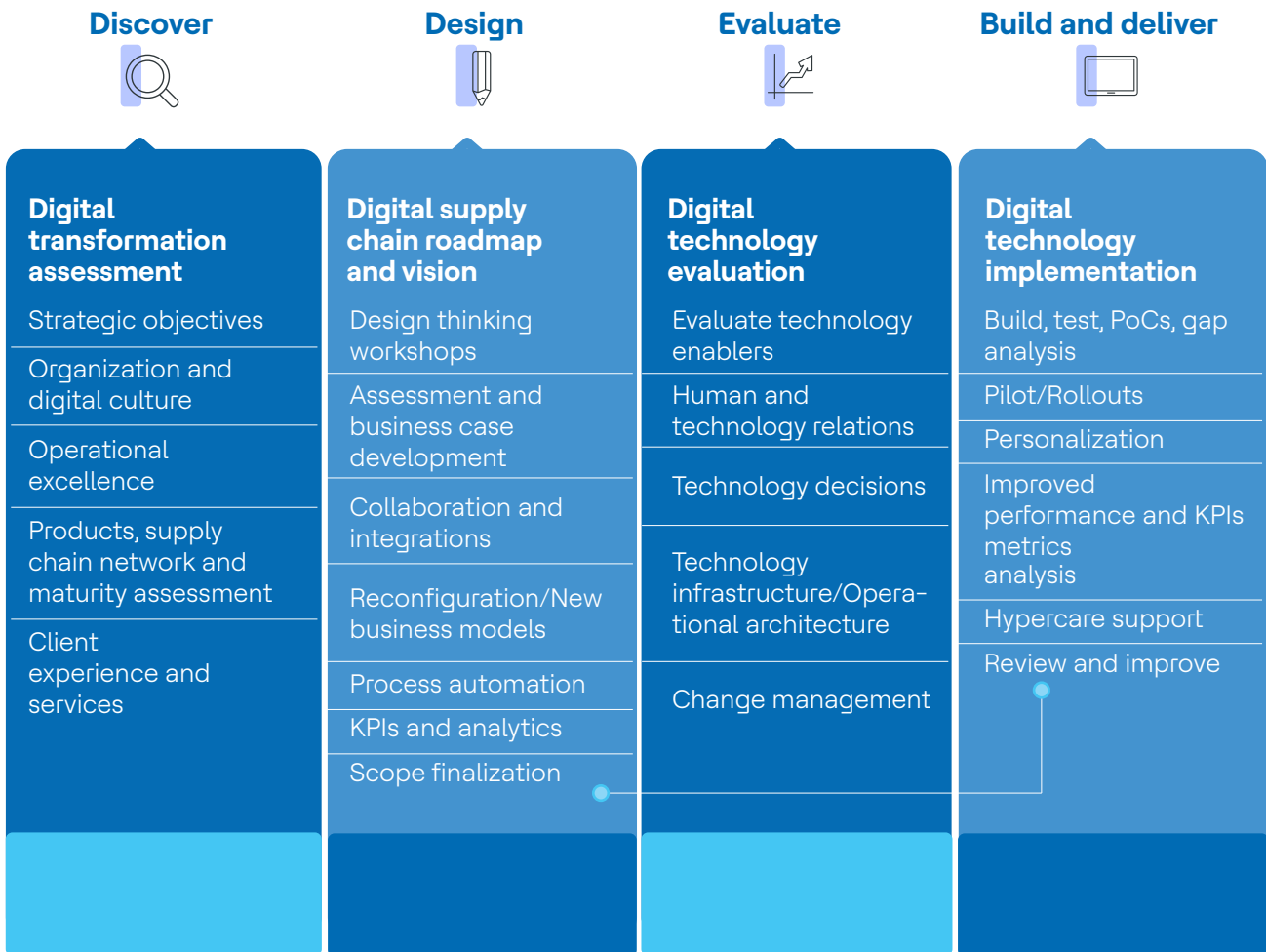
### Our SAP DCS transformation framework kit includes the following components:

- DSC transformation framework
- DSC maturity assessment framework
- Design thinking approach
- Reference architecture
- Ready-to-deploy DSC assets and accelerators leveraging IoT, Blockchain, AI/ML, AR and new-age digital technologies
- DSC 50+ use cases catalog reference



## HCLTech's DSC transformation framework

Digital planning capabilities are required for supply chain digital transformation. HCLTech's DSC transformation framework helps evaluate opportunities and formalize a plan for how and when an organization will make strategic improvements to core systems and overall business processes.



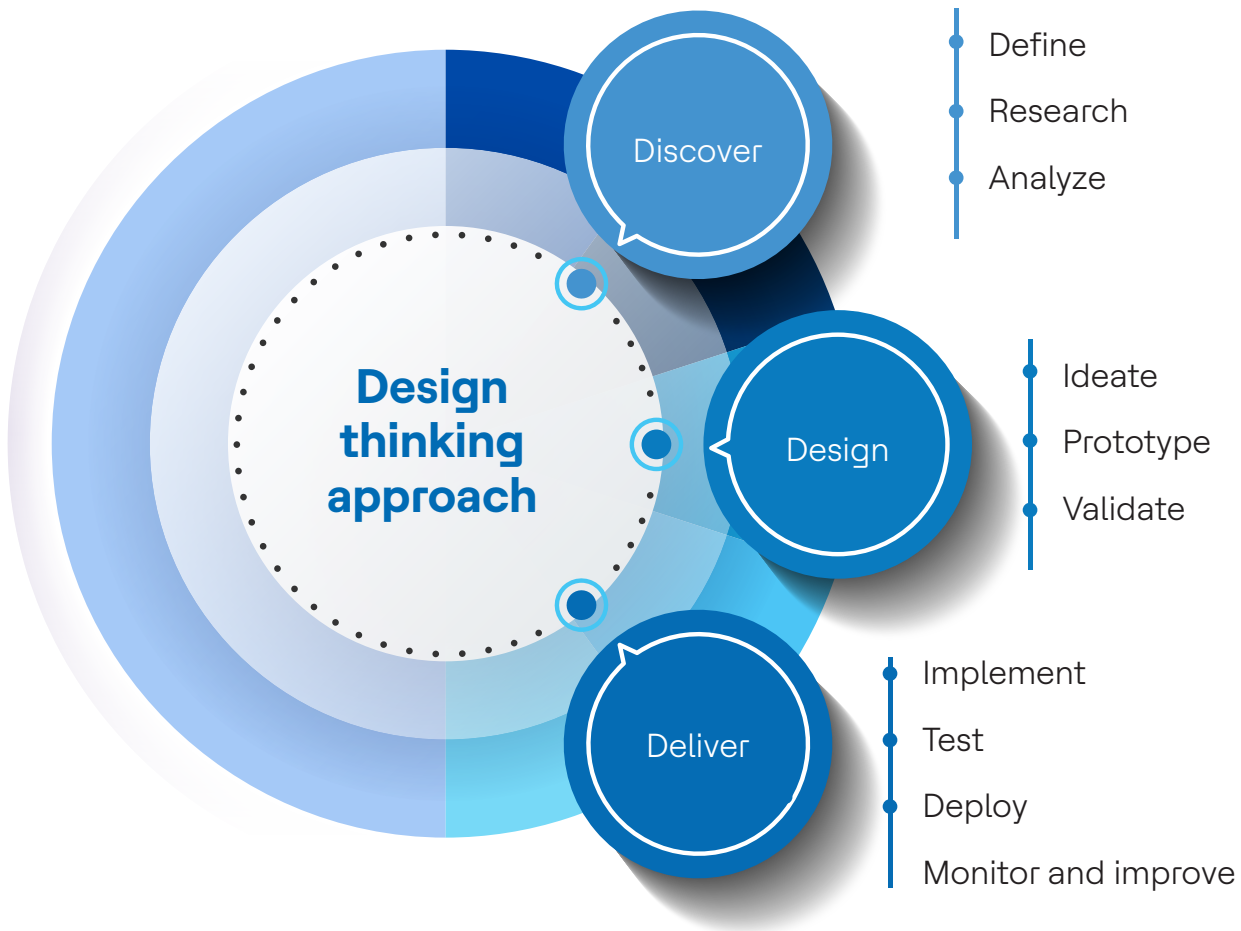
HCLTech's SAP digital supply chain transformation framework

## HCLTech's design thinking approach

Our three-phased approach to human-centered design is aimed at stakeholders who want to solve complex problems, design innovative solutions or adopt new business models.

HCLTech's design thinking approach structures collaboration. The process places innovation at the center of your business, driving transformation and helping you achieve benefits quickly. It also provides end-to-end process visibility.

## HCLTech's digital supply chain transformation design thinking – Approach



### DSC maturity assessment framework

Our DSC maturity assessment framework determines your company's readiness for transformation. Our tool evaluates maturity across design, plan, manufacturing, delivery and operation, enabling you to assess, develop and track your DSC transformation roadmap.

HCLTech's maturity framework is based on the Supply Chain Operations Reference (SCOR) model, which categorizes supply chain maturity into five stages: deficient, basic, defined, advanced and optimized.

### Reference architecture

Businesses are under pressure to provide everything 'as a service,' cater to client demands for greater product customization, and enable faster delivery. To compete effectively, companies must restructure their businesses, data architecture, IT platforms, procedures, capabilities and technology.

This requires a modern technology architecture. HCLTech's reference technology architecture is based on SAP S/4HANA Digital Core, which enables rapid and effective DSC transformation.

### Ready to deploy DSC assets and accelerators

HCLTech invests significant effort in developing innovative digital supply chain solutions such as Smart Warehousing, Collaborative and Connected Logistics, Connected Assets, Digital Factory, Mobile Fiori apps, Digital Boardroom and real-time inventory tracking.



Using SAP S/4HANA Digital Core as the backend, we are specialists at integrating new digital technologies such as IoT, AI/ML, blockchain, iRPA and AR/VR and offer a range of accelerators.

#### **Benefits of HCLTech SAP DSC solutions**

- Real-time data availability, KPI monitoring and end-to-end supply chain visibility
- Real-time inventory and shipment traceability
- Real-time collaboration between clients, vendors and internal stakeholders
- Connected assets with predictive analytics
- Automated business processes with improved data accuracy
- Better cost control and profit margins
- Improved client service levels
- Improved delivery lead times
- Increased mobility usage with a simple user experience
- Optimized inventory planning and control with demand-driven forecasting enhanced with AI/ML
- Future-ready platform to accommodate new business models
- Seamless integrations with new digital edge technologies

## **About HCLTech's SAP Practice**

To get the best return on your digital investments, you need a partner that doesn't just do SAP right, but does it better. Our SAP practice works seamlessly with HCLTech's digital consulting, engineering services, IoT WoRKS™ and cloud infrastructure practices to design, implement and support tomorrow's integrated, intelligent solutions today. An SAP Global Strategic Services Partner, our team of 12,500+ consultants leverages insights, advanced accelerators and industry-acclaimed frameworks to deliver award-winning services from local offices across Europe, Africa, Asia and the Americas.

<https://www.hcltech.com/sap>

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