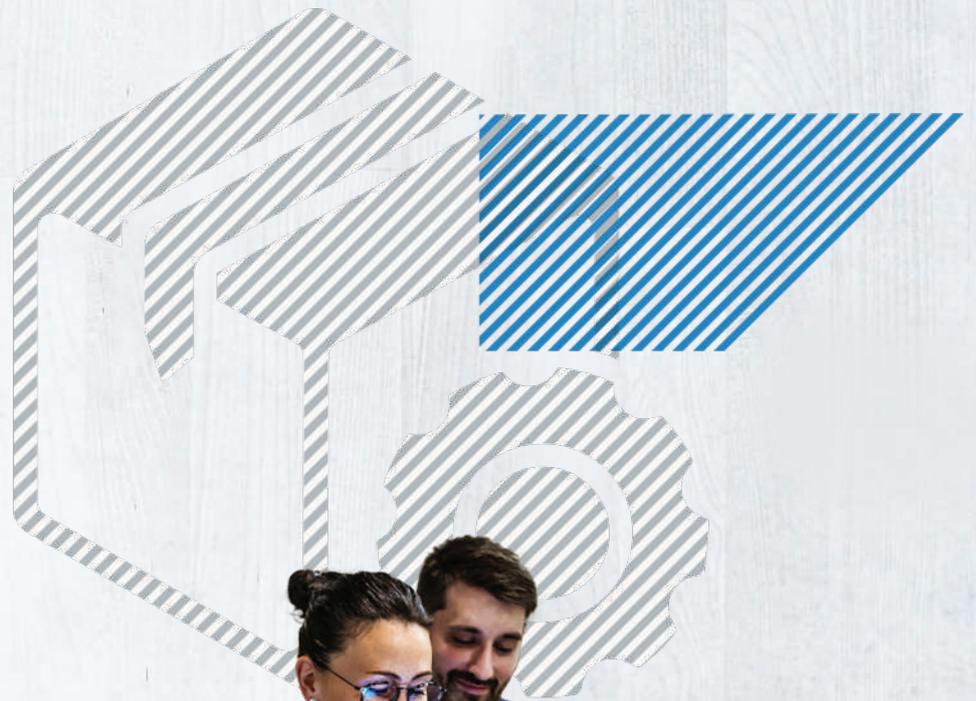


**HCL**

**SAP**

# Digital Supply Chain Transformation



**SAP, Done Better.**

#SAPbyHCLTech

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. 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 increase 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.

### **HCL Technologies 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.

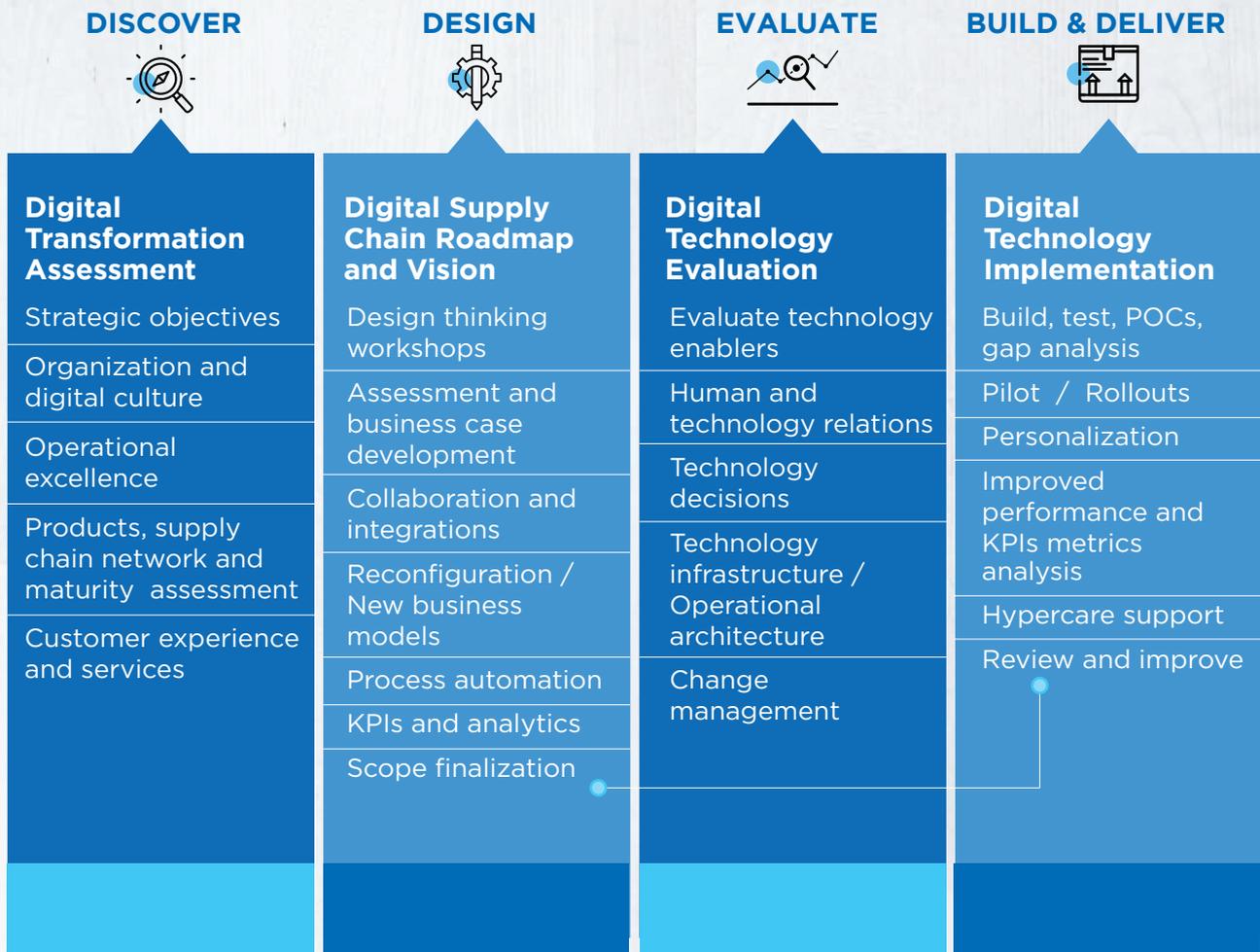
### **Our SAP DCS transformation framework kit includes the following components:**

- 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



## HCL's DSC transformation framework

Digital planning capabilities are required for supply chain digital transformation. HCL'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.



HCL's SAP Digital Supply Chain Transformation Framework

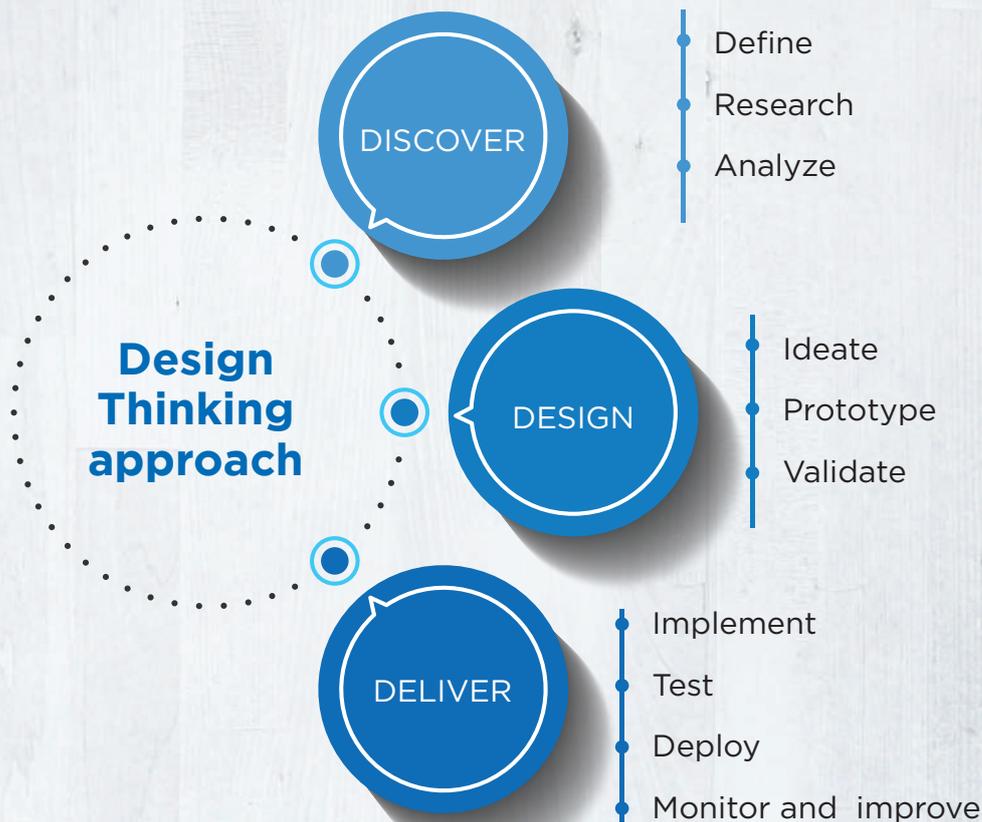
## HCL's Design Thinking approach

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.

HCL'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.



## HCLs 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, deliver, and operate, and enables you to assess, develop, and track your DSC transformation roadmap.

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

### Reference architecture

Businesses are under pressure to provide everything 'as a service,' cater to customer 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. HCL's reference technology architecture is based on SAP's S/4HANA Digital Core, which enables rapid and effective DSC transformation rapidly.

### Ready to deploy DSC assets and accelerators

HCL 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 HCL Technologies 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 customers, vendors, and internal stakeholders
- Connected assets with predicative analytics
- Automated business processes with improved data accuracy
- Better cost control and profit margins
- Improved customer service levels
- Improved delivery lead times
- Increased mobility usage with 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

BI-104223AI1856988-EN00GL

## About HCL Technologies 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 across HCL's digital consulting, engineering services, IoT WoRKs™, and cloud infrastructure practices to design, implement, and support tomorrow's integrated, intelligent solutions today. As an SAP Global Strategic Services Partner, our 10,000+ consultant base leverages insights, advanced accelerators, and industry-acclaimed frameworks to deliver award-winning services from local offices across Europe, Africa, Asia, and the Americas.

SAP, Done Better.

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

**HCL**

HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on December 31, 2021, HCL has a consolidated revenue of US \$ 11.18 billion and its 197,777 ideapreneurs operate out of 52 countries. For more information, visit [www.hcltech.com](https://www.hcltech.com)



[www.hcltech.com](https://www.hcltech.com)