

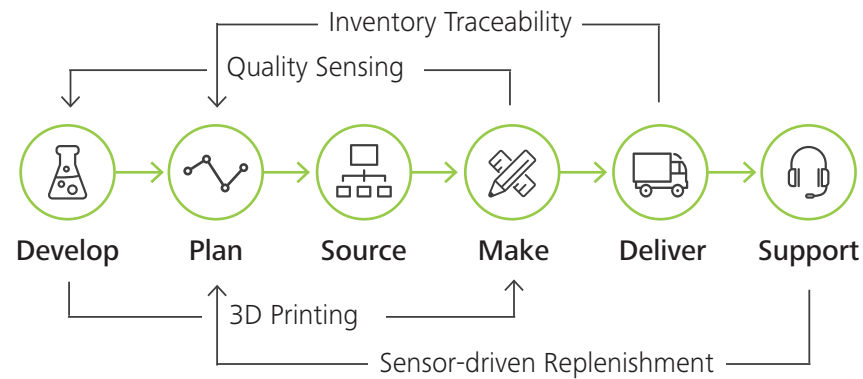
DIGITAL SUPPLY NETWORKS

What are Digital Supply Networks (DSN)?

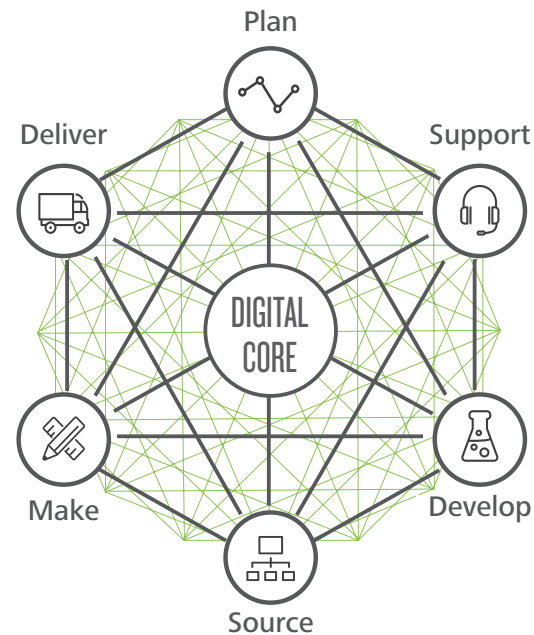
Innovative and disruptive technologies can enable supply chains to transform into digital supply networks, which can serve as a powerful competitive weapon.

Traditional Supply Chain

Traditional, linear supply chain nodes are collapsing into a set of dynamic networks, allowing dramatically increased differentiation.



Digital Supply Networks



These networks can be enabled and capitalized on via a “digital thread” built to flow information, goods, and services through physical and digital channels.

1 Physical to digital:
Capture signals and data from the physical world to create a digital record



2 Digital to digital:
Exchange and enrich information using advanced analytics, artificial intelligence, and machine learning to drive meaningful insights

3 Digital to physical:
Deliver information in automated and more effective ways to generate actions and changes in the physical world

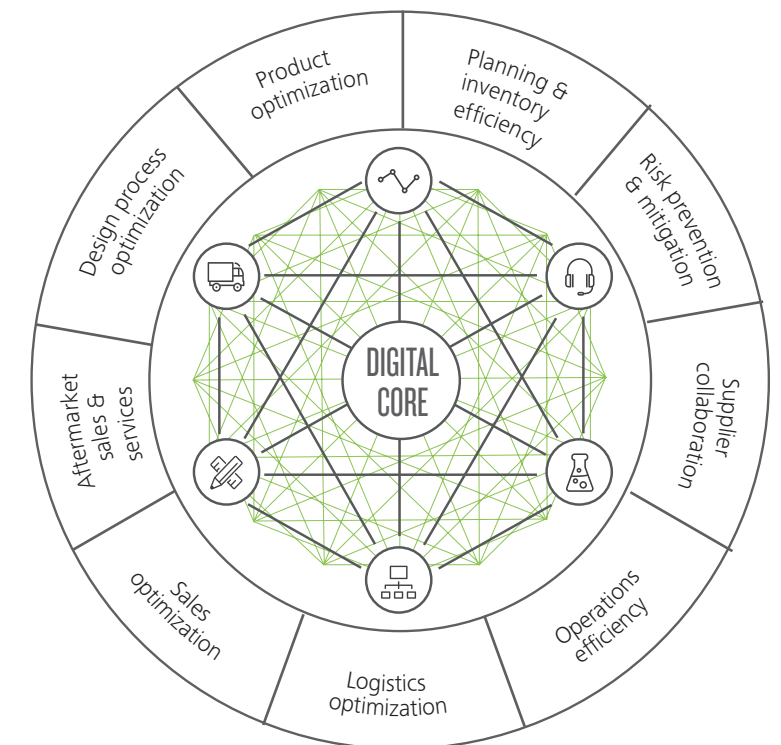
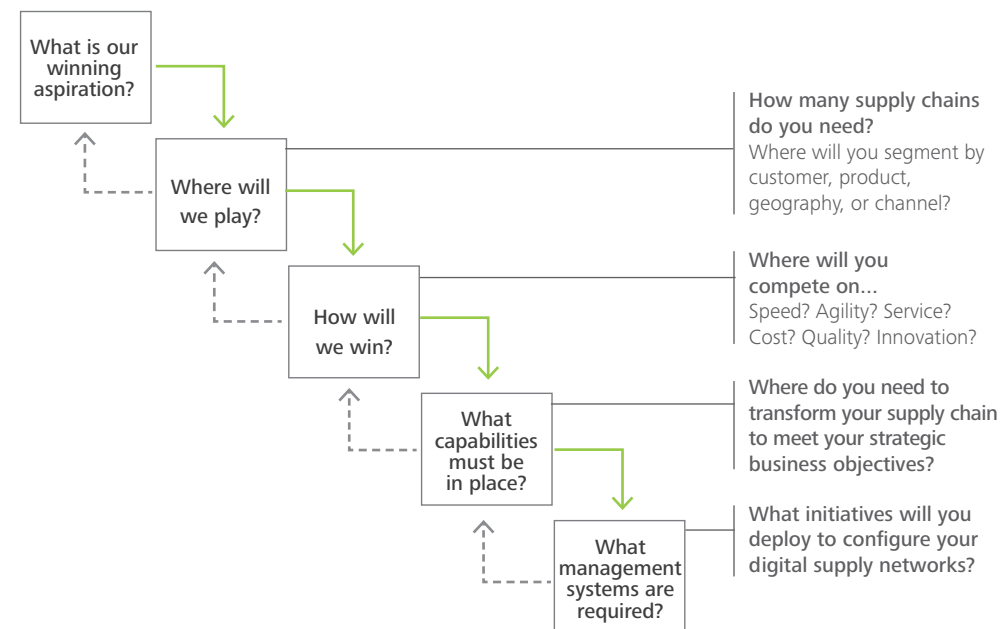
DSN Characteristics

Digital Supply Networks are “Always-On” – dynamic, integrated networks characterized by a continuous flow of information and analytics



How to “Turn-On” Your Digital Supply Networks

Companies must choose specific supply chain transformations and execute priority initiatives to meet their competitive objectives.



DIGITAL SUPPLY NETWORKS

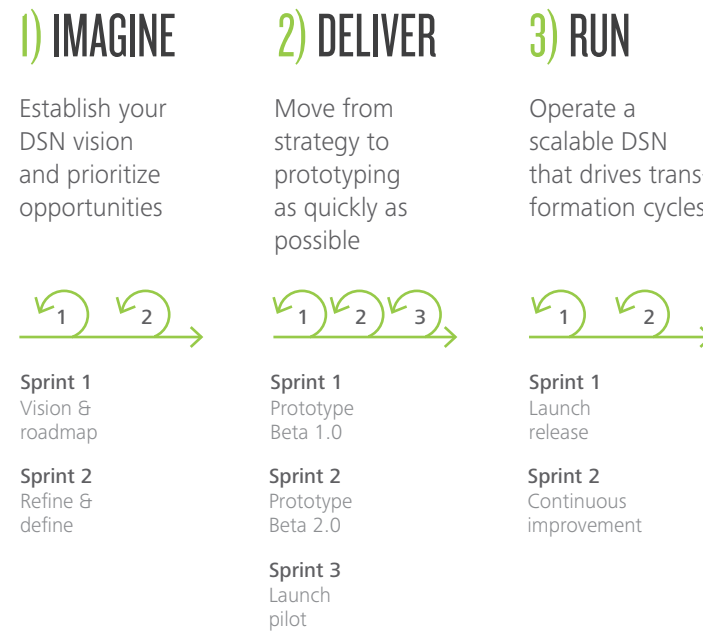
Key Implications

Companies will need to prepare for the following areas of disruption.

- 1 New workforce skills & capabilities
- 2 Data analytics opportunities
- 3 Cyber security risk
- 4 Reliance on ecosystem of supply chain & technology partners
- 5 Agile systems development & deployment

Our Digital Agility Approach

Deloitte's agile, iterative approach enables companies to "fail fast" and achieve rapid results.



Project Types

Client engagements range from one-day immersive experiences to multi-year transformations.

- DIGITAL IMMERSION
- DIGITAL ENTERPRISE STRATEGY
- SOLUTION PROTOTYPE
- SOLUTION INDUSTRIALIZATION
- DIGITAL TRANSFORMATION
- DIGITAL FOUNDRY

Ecosystem Partners

Deloitte has formed an alliance with Kinaxis to provide supply chain management cloud solutions.



Kinaxis' RapidResponse software is recognized in Gartner's latest Magic Quadrant as the leading Supply Chain Planning System.

Deloitte has joined forces with GE Digital to drive and accelerate digital industrial transformation.



GE Digital's Predix solution provides an enterprise software platform for the industrial internet.

Deloitte's multi-year strategic alliance with Singularity University is helping business leaders prepare for what's coming next – from idea to execution.



Singularity University's mission is to educate, inspire, and enable a new generation of leaders to use exponentially advancing technologies to transform their organizations.

Awards & Accolades

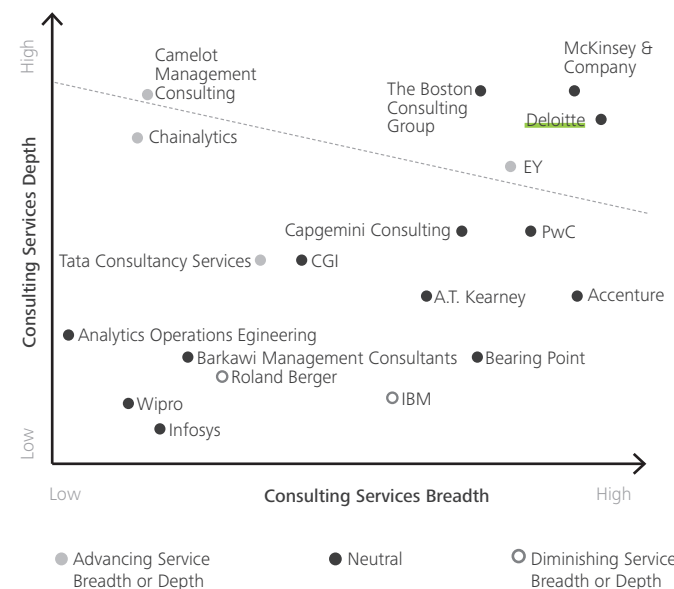
Supply chain & manufacturing operations

- Deloitte named the undisputed leader in Supply Chain Risk Management Consulting by ALM Intelligence (2016)
- Deloitte named a global leader in Digital Operations Management Consulting by Kennedy (2015)
- Deloitte named a global leader in Supply Chain Strategy & Planning based on breadth & depth of capabilities (2014)
- Deloitte ranked #1 in brand preference for "Sustainability Consulting" based on global sustainability survey by Verdantix. (2014)
- Deloitte named a global leader in Business Operations Consulting Services based on ability to execute and completeness of vision by Gartner (2014)
- Deloitte Ranked No. #1 Global Operations Management by Kennedy (2010-2013)

Deloitte ranked #1 and #2 in Kennedy Global Strategy & Operations Consulting Index (2012)

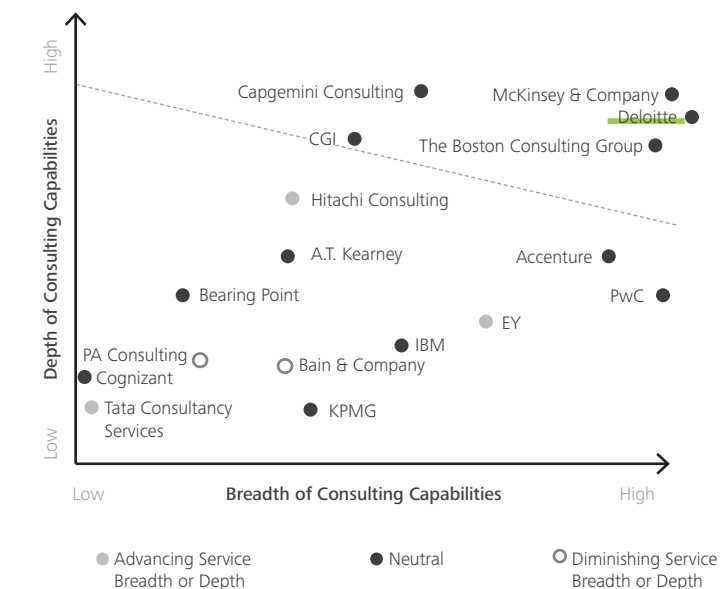
Digital supply chain

Deloitte named a global leader in Digital Supply Chain Planning & Design Consulting by ALM Intelligence (2016)



Digital operations

Deloitte named a global leader in Digital Operations Management Consulting by Kennedy (2015)



KEY CONTACTS



Adam Mussomeli
Digital Supply Networks Practice Co-Lead
Deloitte Consulting LLP
amussomeli@deloitte.com



Stephen Laaper
Digital Supply Networks Practice Co-Lead
Deloitte Consulting LLP
slaaper@deloitte.com



Learn more at
www.deloitte.com/us/digital-supply-networks