



CONNECTED LOGISTICS

Changing Customer Expectations

Final Mile Connectivity

API based collaboration

Increasing Use of Autonomous Technologies

Data Security Regulations

5G Driven Intelligent Logistics

Top Business Priorities

- Reducing operational costs
- Increasing process efficiencies
- Driving new revenue opportunities
- Exceeding CSAT expectations
- End to End Visibility

DIGITAL ENABLEMENT DRIVING INNOVATION, DIFFERENTIATION & GROWTH

Logistics Service Providers (LSPs) today are increasingly relying on technology to meet growing expectations of Shippers as well as Shareholders. Digital technologies such as cloud, mobility, IOT / telematics, robotic process automation, AI / ML, Blockchain and autonomous technologies can be leveraged to build new revenue streams, re-design business processes to drive growth and bring significant operational efficiency benefits.

Tech Mahindra can help Logistics organizations in their digital journey right from strategy creation, blueprinting and execution to realizing business benefits. We provide a comprehensive range of IT services and solutions to help LSPs and Shippers achieve their business goals. Our Digital Logistics Solutions have been designed and built to address industry pain points.

DIGITAL LOGISTICS

Tech Mahindra offers multiple solutions addressing the Connected Logistics space including Transportation, Warehousing, Fleet, Analytics, Control Tower for Visibility and others. Besides these we also offer solutions including IOT, Artificial Intelligence (AI), RPA, Chabot and Block Chain.



Digital Logistics Platform



Connected Vehicles

Internet of Things based tool for monitoring, advanced analytics & automation to provide real time visibility, traceability and act as a decision support system.



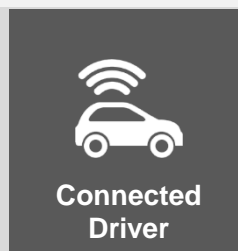
Connected Warehouse

Smart warehousing solutions providing real-time visibility to each warehouse process, which helps in capturing and analyzing actionable insights and maximizing warehouse efficiency.



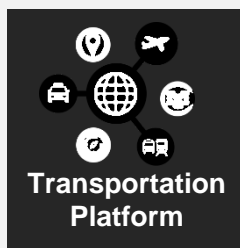
Intelligent Brokerage

Solution to optimize and transform the brokerage operations, both for customs and freight brokerage. Flexible reporting and analytical tools for summary and details. Equipped with enhanced compliance management tools.



Connected Driver

Mobile based application designed to manage a large fleet of drivers. It helps in tracking and monitoring the fleet along with driver management. The solution is map agnostic and integrated with Telematics & Efficient Fuel Network



Transportation Platform

A Comprehensive, automated & flexible Order to Cash solution, that can be deployed across multiple industry verticals and geographies. This modular, scalable & secure solution is coupled with ready to use accelerators.

**RPA
UNO**

**AI / ML
TACTiX**

**Chatbot
Entellio**

**Analytics
SCM on
Cloud**

Digital Supply Chain – Fore Front of Enterprise Transformation

- Supply chain at the center of digital enterprise
- Focus on customer experience as a key differentiator
- Changing customer expectations – B2B customers who are expecting Amazon Experience
- Manage growing data and make intelligent business decisions
- Millennials forcing a shift in labour pattern
- Emerging technologies – AI / ML, Control tower, IOT, Block chain & Autonomous technologies

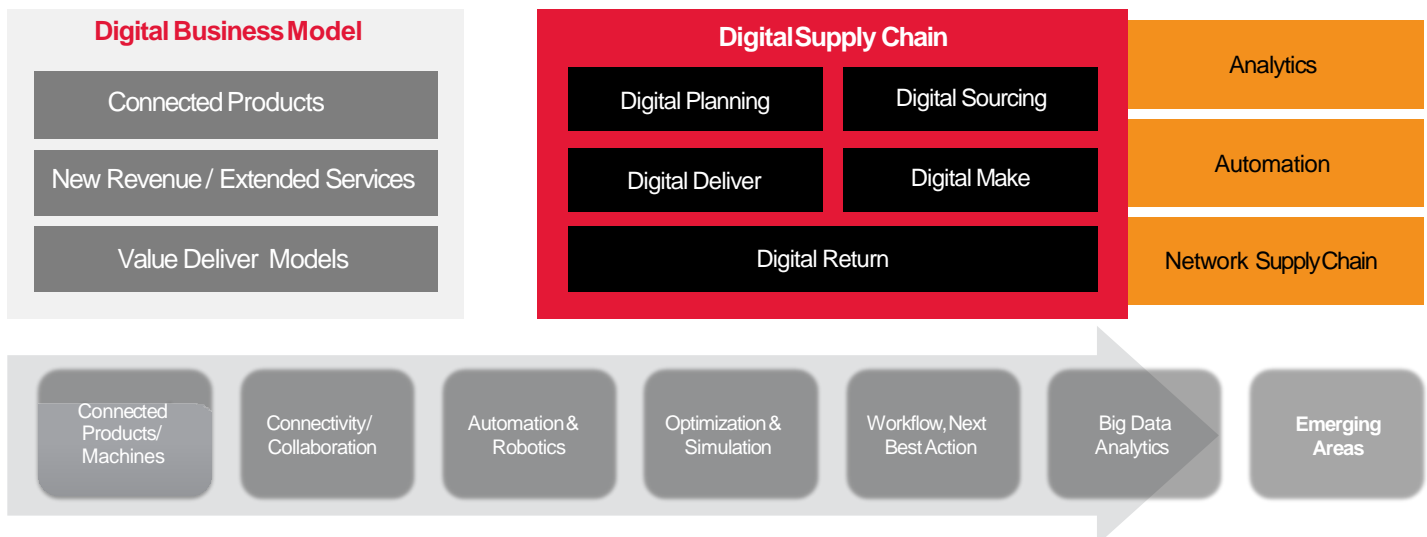
Digital SCM for LSP's and Shippers

Many Corporations, both Shippers and LSP's are investing in Digitally Transforming their business models and their supply chain in particular. While LSP's are leveraging areas such as big data for intuitive planning & minimizing risks, the Shippers are looking to create Digital Factories for data driven Manufacturing. Tech Mahindra has been helping customers build & transform their Digital Organisation. Some of the areas include:

- Big Data Analytics
- Artificial Intelligence / Machine Learning (AI / ML)
- Robotics Process Automation (RPA)
- Autonomous Technologies
- Mobility

TechM has a comprehensive model for Enabling Digital SCM for LSP's & Shippers, applicable for Manufacturing, Automotive, Healthcare, Hi-Tech, Oil & Gas.

Tech Mahindra's Digital SCM Framework



IS 5G THE SUPER HIGHWAY OF INTELLIGENT LOGISTICS AND SUPPLY CHAIN TRANSFORMATION?

Given the potential to deliver data up to a thousand times faster than 4G, our answer to this question is a resounding, Yes! 5G will soon be more than just a buzzword. As businesses worldwide grapple with digitally powered transformations new network technology lies at the core. 5G adopters are re-gauging capabilities of their current Networks, Cloud Strategies, IOT, Mobility & Cyber Security. Despite the technology's potential for impact across all industries, one of the sectors likely to benefit most from 5G will be logistics and transportation.

Today's On-Demand society necessitates more control, visibility, and personalization in supply chain and transportation. Businesses and consumers simply expect to know exactly where their shipment, consignment or package is at all times. 5G offers increased visibility & control and will dramatically change the User Experience for logistics and transportation systems – marked with high reliability, capacity, and low latency. It is expected to solve the problem of Lack of Interoperability among separate Networks, Solutions, Products and Connections.

At **Tech Mahindra**, we understand the industry's inclination and urgency towards digitalization, 5G lies at the heart of this endeavour. As an example: 5G-enabled transportation also pushes into the boundaries of autonomous driving – enabling the possibility of safe and reliable algorithms to transform the future. Early adopters are at the brink of breaking ahead into a world of improved customer experience, speed, safety, and a host of other opportunities.

5G is here and the possibilities for the logistics industry are endless. Over the next 5 years we will see an increase in uptake in 5G technologies until full influence by 2025. It's time to pay attention; just as 4G once introduced us to the gig economy, 5G now promises to jumpstart the next wave of unimaginable innovation.

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