



# E-LOGISTICS IN RELATION TO THE PERFORMANCE OF HEALTHCARE SUPPLY CHAIN MANAGEMENT

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# Agenda

- An Overview
- Role of Healthcare SCM
- SCM Technologies that shape the Future of Healthcare
- How e-logistics in improving SCM efficiency



“The potential to save patients’ lives is contingent on an efficient healthcare supply chain, using technology is a significant step towards enhancing efficiency”



**US\$ 2.2Billion**

Worldwide Healthcare  
Supply Chain Market in  
2020



**US\$3.3Billion**

The market is expected to reach  
US\$3.3 billion by  
2025



*Source: AWL India*



# Overview

Supply chain costs is the highest for hospitals and healthcare

Healthcare supply chain is to identify departmental weaknesses and provide strategies to reduce them

Hospitals are restructuring their SCM in order to be more efficient and cost-effective in operations and find development opportunities

Automating and standardizing hospital supply chain activities through the use of technology saves \$11M per hospital

Hospitals have not fully embraced technology in supply chain management

Source: AWL India



# ROLE OF HEALTHCARE SCM



# Role of SCM in Healthcare Industry

- The technique of purchasing and distributing medical products and services as they are delivered from the loading port to the patient
- It is the management of upstream and downstream linkages between suppliers and consumers to give more customer value at less cost to the supply chain as a whole
- The main challenges in healthcare supply chain are hoarding of goods, a desire for specific products that are in stock, product expirations, out-of-stock issues that may result in high delivery costs, theft and an unjustified increase in inventory costs based on demand

*Source: AWL India*

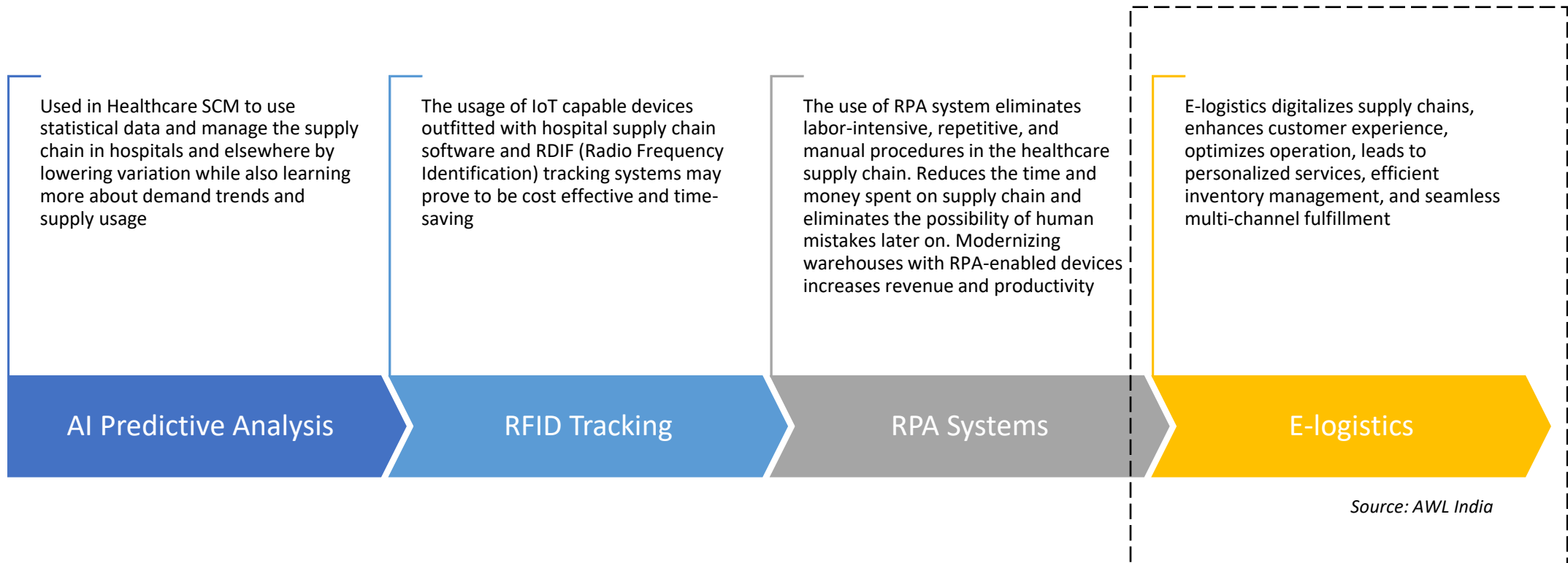


# SCM TECHNOLOGIES THAT SHAPE THE FUTURE OF HEALTHCARE





# SCM Cutting-edge Technologies





# How e-logistics is improving SCM efficiency



# E-LOGISTICS



AI and Blockchain reshapes e-logistics as Healthcare organizations can navigate the challenges such as cybersecurity to unlock the full potential of e-logistics

AI and Blockchain

The integration of real-time data into e-logistics transforms supply chain management. Leveraging up-to-the-minute information, supply chain leaders can accurately forecast demand and optimize inventory levels, striking a delicate balance between excess inventory and stockouts. This enables Healthcare procurement leaders to demonstrate a proven track record of demand prediction and prudent inventory utilization when engaging in negotiations and suppliers, leading to more favorable terms

Efficient Inventory Management



# E-LOGISTICS



E-logistics equips supply chain leaders in Healthcare with the tools required to expand their businesses across international borders. Collaboration with International carriers and customs experts becomes a strategic imperative for them to facilitate seamless cross-border e-commerce operations. By forging partnerships that establish a cohesive global supply chain, procurement leaders can capitalize on the opportunities presented by a broader customer base and optimize international operations of healthcare facilities.

Facilitates International Expansion

E-logistics systems facilitate transparency by providing real-time tracking updates spanning from dispatch to final delivery. Supply chain leaders in healthcare benefit from minimized disputes, more operational efficiency, and improved customer relationships.

Procurement leaders in Healthcare can leverage this feature during negotiations with logistics partners, positioning it as a fundamental requirement within the modern landscape of supply chain operations.

Enhances Transparency

Source: GEP



# THANK YOU Q&A

