



White Paper | Logistics Solutions

Driving Success: The Role of Integration in **Transportation Management**

The Role

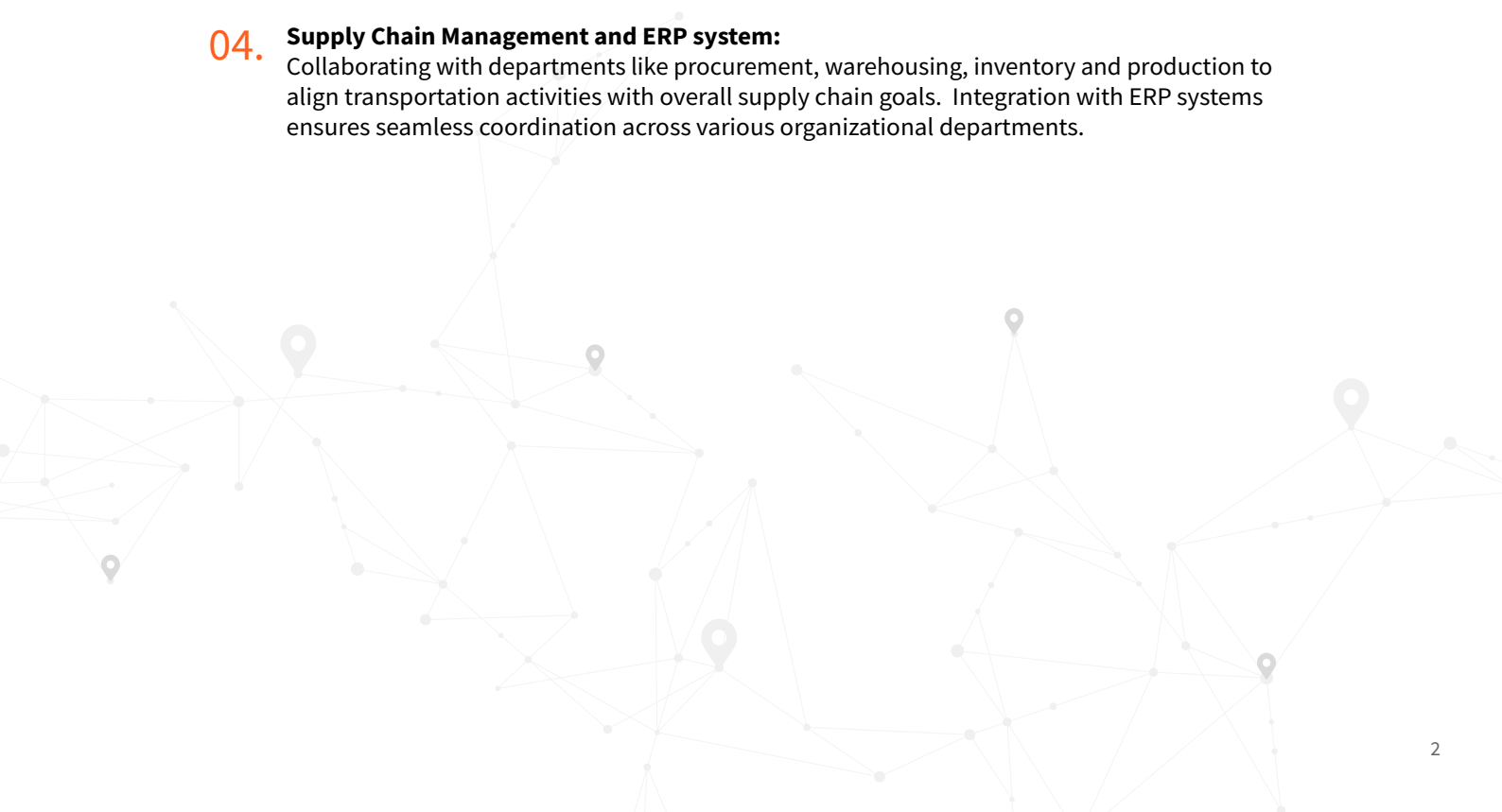
As a Transportation Manager, you're at the heart of overseeing logistics operations, ensuring that goods move efficiently, cost-effectively, and on time. Your role demands expert navigation through multiple systems and processes while tackling a variety of challenges along the way.



Managing Business Processes and Logistics Systems

Transportation Managers oversee various business processes and related systems that ensure streamlined carrier selection and load and route optimization. Key processes and systems you manage include:

- 01. Transportation Management process and TMS:** You determine the most efficient routes to minimize driver time, travel time and fuel costs, optimize vehicle selection for specific loads, and coordinate timely pick-ups and deliveries. This includes integrating TMS systems with other systems to automate route planning, carrier selection, load planning and asset tracking.
- 02. Fleet Management process and FMS:** Ensuring your fleet is in top condition by managing maintenance schedules, monitoring fuel consumption to cut costs and managing drivers to ensure compliance. This includes integrating FMS into other systems to automate vehicle management, maintenance schedules, fleet availability, driver management, fuel monitoring and vehicle tracking.
- 03. Carrier Management and TMS or CMS:** Selecting carriers based on cost, contract management and overall performance monitoring. This includes integrating TMS or CMS systems to automate performance tracking, contract management and carrier selection.
- 04. Supply Chain Management and ERP system:** Collaborating with departments like procurement, warehousing, inventory and production to align transportation activities with overall supply chain goals. Integration with ERP systems ensures seamless coordination across various organizational departments.



How Does Integration Drive Success for Transportation Managers?

Leveraging integration technology can enhance and streamline transportation operations providing a clearer, more unified view of your entire process. A strong integration strategy helps minimize delays in detecting changes in processes or business conditions that could negatively impact transportation operations and, ultimately, the business. The right integration platform will help you modernize, consolidate or migrate from outdated processes and systems, allowing you to connect, automate and innovate the key operations that drive competitive results.

Your integration platform should enable you to:

+ **Connect ERP, TMS, IMS, WMS, OMS and LMS systems:**

Ensure the unobstructed flow of orchestrated operational data across systems and business processes, boosting transportation efficiencies and agility – such as route optimization.

+ **Streamline workflows:**

Coordinate inbound and outbound transportation activities to reduce delays and bottlenecks.

+ **Provide real-time data and visibility:**

Monitor and track the movement of goods throughout the entire supply chain, from order placement to final delivery, ensuring up-to-date information on shipments, inventory and potential disruptions.

+ **Enhance customer service:**

Deliver accurate, real-time updates to customer-facing systems, offering insights on delivery estimates and tracking updates.

SEEBURGER Logistics Value Proposition

The SEEBURGER BIS Platform is the ideal solution for Logistics Transportation Managers as it addresses all the above requirements and more. It provides you the ability to efficiently connect and streamline transportation operations and associated systems using a central, homegrown, multi-purpose integration platform that supports API, MFT, B2B/EDI, EAI/A2A and automation. BIS enables your systems to communicate effectively, eliminating data silos and improving operational efficiencies. It also facilitates route optimization and offers real-time, end-to-end visibility to track vehicles and inventory, helping optimize truck loading and ensuring compliance in transportation operations.

BIS provides automated notifications for critical events such as shipping delays, disruptions, or inventory shortages, enabling immediate action to maintain smooth operations. These are just a few of the advantages the BIS Platform delivers, helping you achieve unparalleled efficiency, accuracy and control over your logistics transportation operations – ultimately leading to better business outcomes.



Discover how SEEBURGER helps logistics company CargoCast in our Case Study.

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