

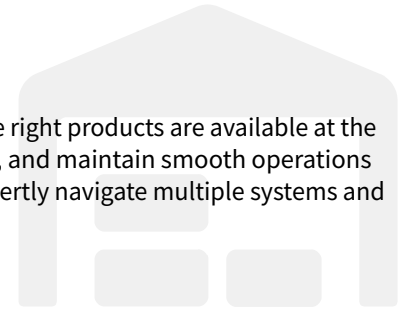


White Paper | Logistics Solutions

# The Critical Role of Integration in Logistics **Inventory Management**

# The Role

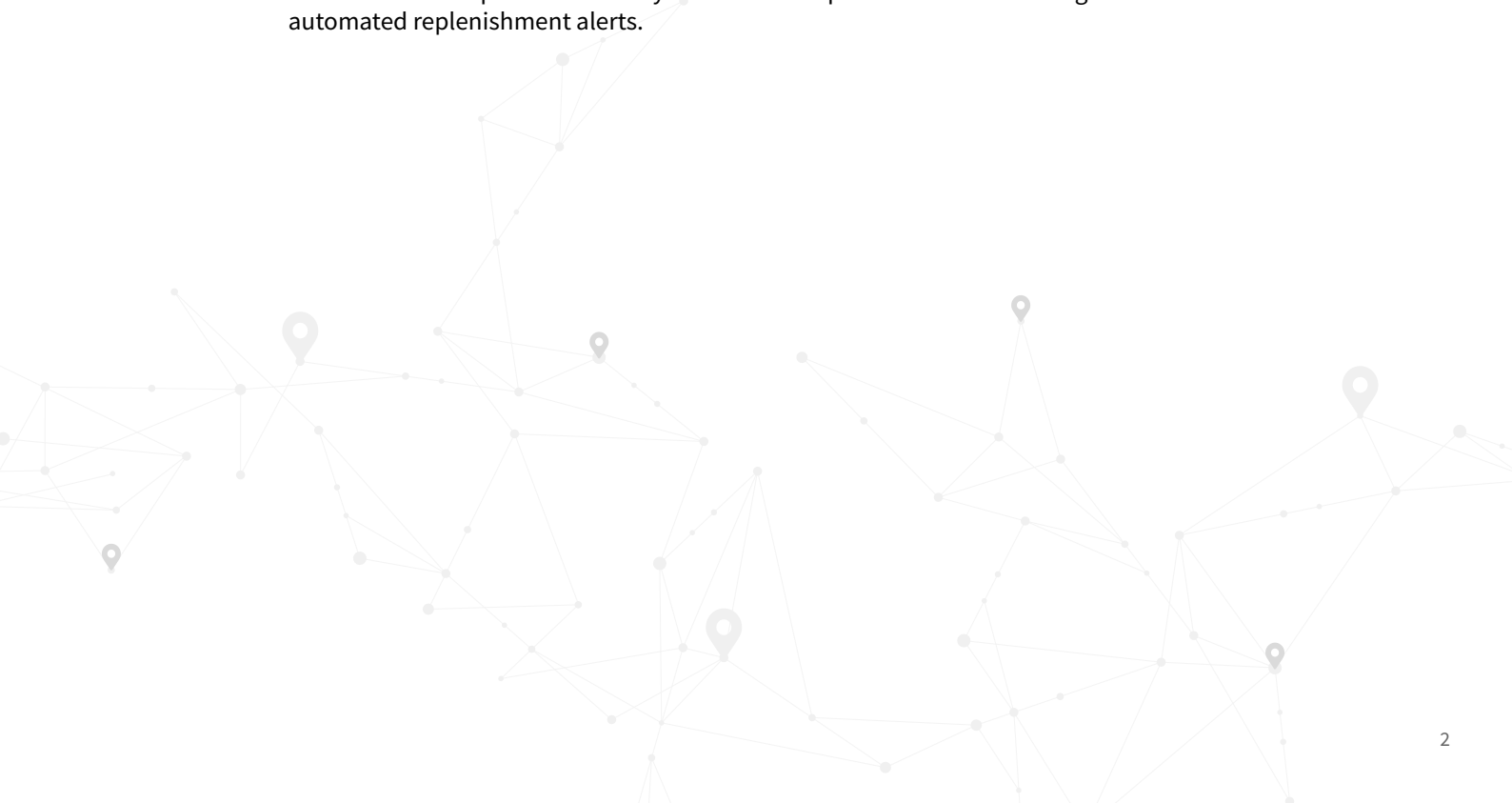
As an Inventory Manager, you are responsible for managing inventory levels to ensure the right products are available at the right place and time. Your primary goal is to optimize inventory control, minimize costs, and maintain smooth operations across warehouses, distribution centers and the supply chain. Additionally, you must expertly navigate multiple systems and processes while overcoming a variety of challenges.



## Managing Business Processes and Logistics Systems

Inventory Managers oversee key business processes and systems that streamline carrier selection, load and route optimization. Below are examples of critical processes and related systems:

- 01. Receiving process and IMS system:**  
Coordinate inbound shipments with suppliers and carriers. Inspect received goods, record their condition, and automate communications back to shippers by integrating IMS systems.
- 02. Location process management and IMS:**  
Determine optimal storage methods and locations for items based on key parameters such as weight, size and demand. Integrated IMS systems track the location of stored goods for efficient picking and packing.
- 03. Order picking, packing and WMS:**  
Receive and process orders and implement optimal picking methods to quickly fulfill order while ensuring accuracy. Manage timely dispatch of shipments by integrating IMS and/or WMS for order fulfillment and shipping.
- 04. Inventory replenishment process and IMS:**  
Calculate reorder points and safety stock levels to prevent stockouts. Integrate IMS for automated replenishment alerts.



# How Does Integration Drive Success for Inventory Managers?

Leveraging integration technology can greatly enhance inventory operations by providing a cohesive view of processes and improving efficiency. A robust integration strategy helps detect process or business condition changes early, minimizing delays that could harm inventory management and ultimately, the business. The right integration platform allows you to modernize, consolidate or migrate from poorly performing processes and integration landscapes, enabling you to connect, automate and innovate across key inventory processes and systems for competitive results.

## Your integration platform should enable you to:

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

Facilitate seamless, automated flow of orchestrated operational data across inventory systems and business processes, ensuring agility and efficiency while minimizing delays and bottlenecks.

### + **Improve forecasting accuracy:**

Integrate with demand planning and forecasting applications to better predict inventory needs, maintaining optimal stock levels and reducing the risks of overstocking or stockouts.

### + **Enable real-time data sharing and visibility:**

Ensure up-to-date information on inventory levels, pick and pack activities, order status, and shipment tracking by integrating all relevant systems for real-time monitoring.

### + **Enhance customer service:**

Provide real-time, accurate data to customer-facing systems, offering real-time insights into delivery estimates and tracking updates, which boosts customer satisfaction and trust in the brand.

## SEEBURGER Logistics Value Proposition

The SEEBURGER BIS Platform is the ideal solution for Logistics Inventory Managers as it addresses all the above requirements and more. BIS enables you to efficiently connect and streamline inventory operations and associated inventory systems using a central, homegrown, multi-purpose integration platform that supports API, MFT, B2B/EDI, EAI/A2A and automation. BIS ensures all your systems communicate effectively, eliminating data silos, manual steps and vastly improving operational efficiencies. It also enables real-time information, end-to-end visibility and streamlined operations, driving improved inventory management outcomes.

With BIS, you receive automated notifications for critical events like inbound or outbound shipping delays, disruptions, or inventory shortages, allowing for immediate action and smooth operations. These are just a few of the many advantages BIS provides, enabling unparalleled efficiency, accuracy, and control over your logistics inventory operations, ultimately leading to stronger business performance.



**Discover how SEEBURGER helps logistics company HAAF in our case study.**

[> Read now](#)



[www.seeburger.com](http://www.seeburger.com)

**Disclaimer**

This publication contains general information only. SEEBURGER does not provide any professional service with this publication, in particular no legal or tax consulting service. This publication is not suitable for making business decisions or taking actions. For these purposes, you should seek advice from a qualified advisor (e.g. lawyer and/or tax consultant) with regard to your individual case. No statements, warranties or representations (express or implied) are made as to the accuracy or completeness of the information in this publication, and SEEBURGER shall not be liable or responsible for any loss or damage of any kind incurred directly or indirectly in connection with any information contained in the presentation.