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# Enhancing Supply Chain Efficiency and Visibility using Inbound Container Handling

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## Introduction

Inbound container handling is crucial for global trade efficiency, security, and economic success. Yet, the traditional methods often come with limitations, including delays, lack of transparency, and heightened security concerns. The rise in global trade volumes makes it clear that leveraging technology is necessary to streamline processes and ensure operational visibility. Real-time insights and improved handling processes are essential for businesses aiming to maintain smooth supply chain operations and customer satisfaction.

## Executive Summary

This white paper explores the challenges in traditional inbound container handling and presents a solution designed to enhance efficiency using cloud technology through Microsoft Dynamics 365 Business Central. By addressing issues such as data silos, manual processes, regulatory compliance, and security, this approach promotes seamless operations and improved supply chain visibility. Implementing advanced inbound container handling not only reduces delays and operational costs but also aligns businesses with regulatory requirements and enhances security. Through streamlined processes and real-time visibility, businesses can achieve a resilient, efficient supply chain, ultimately improving customer satisfaction and operational performance.





## Key Features

### **Assign Purchase Order Lines to Containers**

Enables the management of multiple purchase orders within a single container to streamline the shipping process.

### **Mass Update and Receipt of Purchase Orders**

Allows for bulk receiving and processing, with support for over- and under-receiving to accommodate order discrepancies.

### **FOB Processing**

Manages goods from legal ownership transfer to the final warehouse destination, ensuring accurate record-keeping throughout the transit journey.

### **Auto Allocate Landed Costs**

Automatically applies freight and other costs to goods in the container, ensuring accurate cost tracking for each shipment.

### **Historical Insights**

Provides valuable insights into past shipments, enabling informed decision-making for future transactions.

### **Single-Click Receiving**

Streamlines container content receiving, including for non-inventoried items, reducing manual work and improving efficiency.



## Benefits

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|------------------------------------|---|
| <b>Enhanced Efficiency</b>         | By automating key processes and reducing manual intervention, businesses can streamline inbound container handling, minimizing delays and reducing operational costs. |
| <b>Increased Visibility</b>        | Real-time tracking and transparency across the supply chain improve decision-making and responsiveness to disruptions.  |
| <b>Regulatory Compliance</b>       | The system's seamless collaboration and data-sharing features help businesses stay compliant with international regulatory requirements.                              |
| <b>Improved Security</b>           | The app reduces security risks, including theft and tampering, through increased traceability and monitoring.   |
| <b>Scalability and Flexibility</b> | The cloud-based solution integrates with Microsoft Dynamics 365 Business Central, allowing for customization and scalability as business needs evolve.                |



## Impact on Organization

Implementing the Inbound Container Handling app within Dynamics 365 Business Central can have a transformative impact on an organization's supply chain operations. The streamlined approach and enhanced visibility improve overall supply chain resilience, enabling companies to respond more dynamically to challenges. The solution not only optimizes day-to-day operations but also empowers businesses to adapt proactively to shifting trade regulations and global market conditions. This flexibility and operational efficiency result in greater customer satisfaction, reduced costs, and enhanced organizational performance.

## Conclusion

The Inbound Container Handling app for Dynamics 365 by Rand Group is an essential tool for businesses seeking to optimize their shipping and logistics operations. By integrating multi-carrier support, real-time rates, automated label generation, and robust tracking features into Dynamics 365, the connector provides significant efficiency gains, cost savings, and customer satisfaction improvements. With seamless integration and comprehensive support, businesses can quickly realize the benefits of this powerful shipping solution.

## Appendix

The Inbound Container Handling Application is accessible globally in over 15 languages and is available for free within Microsoft Dynamics 365 Business Central sandbox environments. A limited free version is also available for use in production environments. Download directly from [AppSource](#) for access to the latest updates and application details.