

Aratum Cargo: Inventory Management System | Solutions Guide

Simplify, digitalize and automate how you manage your inventory

Modern Challenges

Thousands of SKUs, competing priorities of orders; this rapid changing world makes prediction of demand and supply far from accurate.

In this era of AI and machine learning, however, some of us seem to be able to plan, execute and transform our organizations for good.

What makes the difference?

Traditional, disjointed tools can't provide the speed, scale and analytics capabilities needed to support modern digital business for real-time visibility, smart altering and rapid troubleshooting.

You need the right tools to automate your operation and rise above the chaos.

Why legacy inventory management systems make your job harder:

- **Fragmented data.** Many inventory management systems impose limitations on the structure of data they ingest. This creates critical visibility gaps both for users and analytic algorithms, resulting in missed detection of customer-impacting issues and longer issue resolution times. Most legacy platforms simply can't ingest anywhere near the full firehose of data that modern supply chain emits.

While you are struggling, your competitors make use of a holistic suite of tools to thrive in an ephemeral cloud-based environment.

- **Slow performance.** Slow is the new down. Supply chain is a complex web of interdependencies. Disruptions happen in a matter of seconds. Inventory management system that weren't built to operate at this speed and scale or to quickly handle bursts in demand are simply ineffective.

- **Lack of intelligence.** Huge amounts of data are generated from each transaction. Most inventory management tools are spreadsheets that don't come with any built-in intelligence that add relevant context to the data. It takes too many people too long to figure out what the problems are.
- **Too many tools.** Multiple tools that weren't built for modern environments make life difficult. Businesses often must adopt several tools to gain insight into their operations, leading to tool sprawl, data fragmentation, disjointed workflows and additional training and operation costs.

Key Features

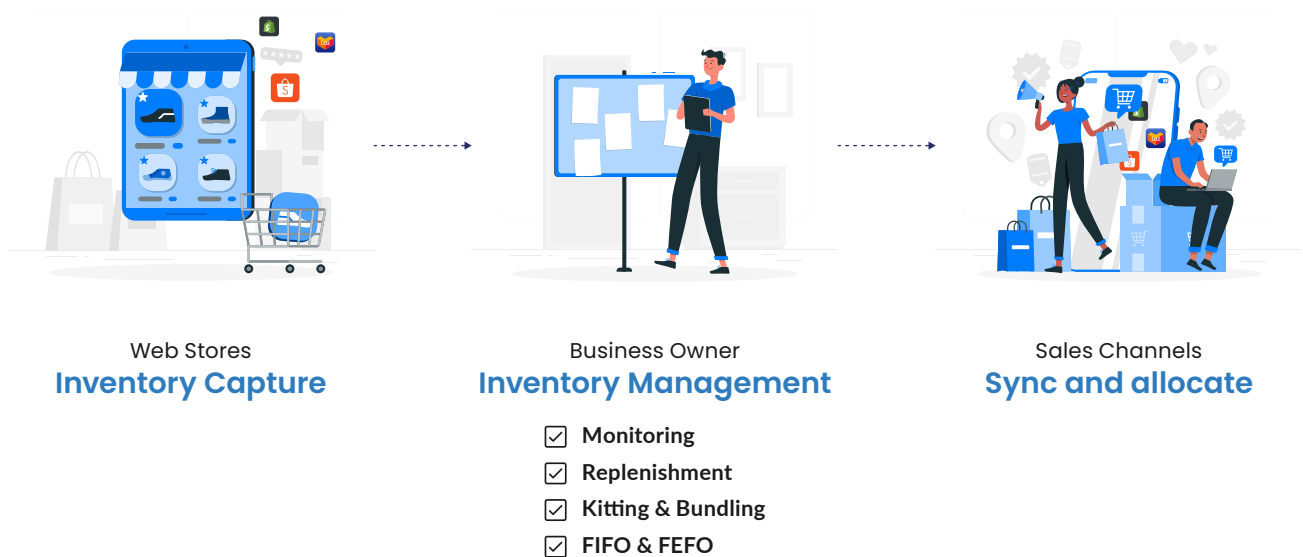
- Cloud/Multi-cloud/Hybrid solutions available
- Integration with Internet of Things (IoT)
- Security with Identity Access Management (IAM)
- Inventory allocation
- Automate fulfillment
- Low inventory notification
- Customized customs declaration value and labels
- Real-time shelf & storage visibility
- Out-of-the-box billing and invoicing
- One-click generation of pick-and-pack lists



How does Aratum Cargo transform the life of different stakeholders?



How does it work?



With Aratum Cargo, you will:

- Receive status updates on needs for replenishment**
 Being notified automatically when stock level is low, so as to ensure that demands can be satisfied with buffer period of time.
- Fully control how you organize the materials in stock**
 Increasing visibility makes the overall organization much more easier to track. Set up orders display sequences so that you can work with critical dependencies as priority. Kitting and bundling is also a setting at your fingertips. You can tailor for festive demands and promotions easily.
- Allocate inventory to various channels**
 Omnichannel approach is key to customers' satisfaction. Nowadays customers are used to have access to products, offers and support on all channels, platforms and devices. Managing your Supply Chain on Aratum Cargo, you are empowered to allocate real-time and satisfy demand everywhere with just a click.

Traditional Approach vs Aratum's Innovation

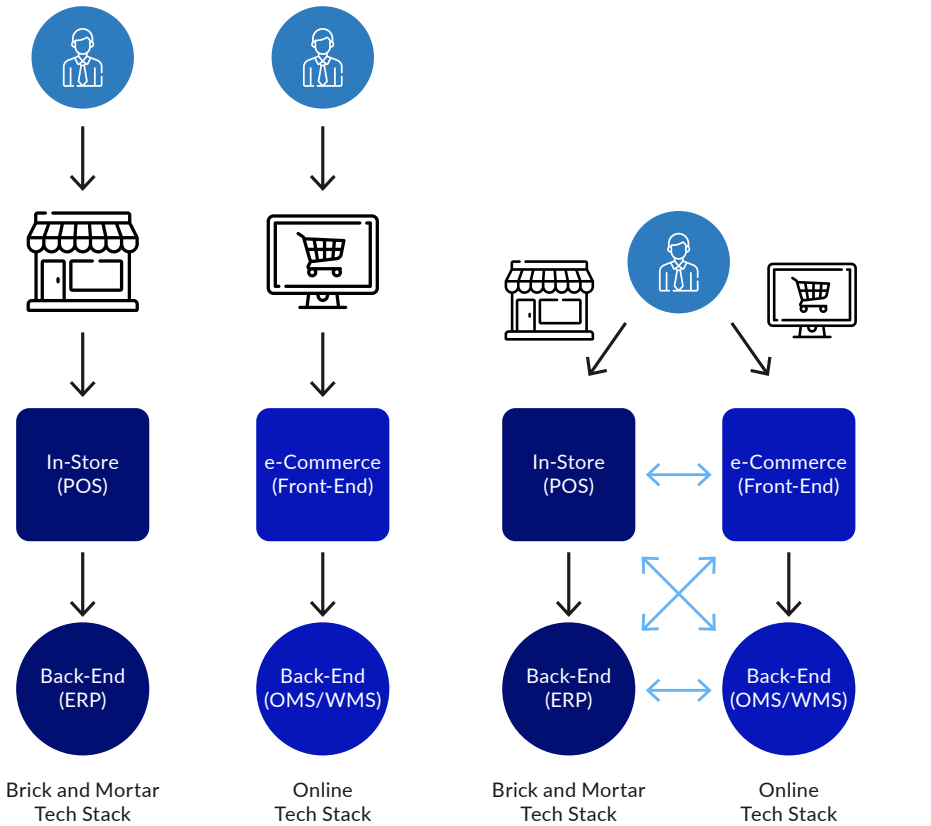


Figure 1: Traditional Models

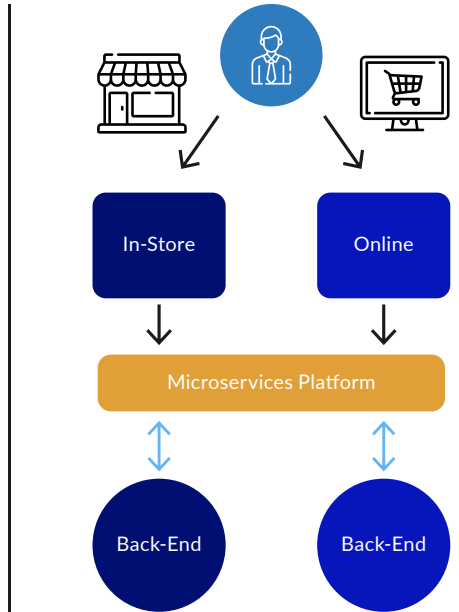


Figure 2: Aratum Approach

Aratum Cargo's use case:

A mooncake company in Hong Kong produces a variety of mooncakes, which are sold through various channels, including online marketplaces, retail stores, and corporate gift orders. They consider the use of Aratum Cargo to track the expiration date of the mooncakes to ensure that only fresh and high-quality products are delivered to the final customers.

The system can track the inventory levels for each product and automatically adjust the production schedule. The system can also track the shipping of the mooncakes, providing real-time updates on the status of each order.

By implementing an inventory management system, the mooncake company digitizes its supply chain, improving the efficiency and accuracy of its inventory and production processes. This helps the company to reduce costs, improve the quality of its products, and increase customer satisfaction.

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