Aratum

Aratum Horizons:

Transform your supply chain with cloud-based intelligence | Solutions Guide

THE WORLD NOW

The world is transforming at an unprecedented rate. Many companies have learnt that they need a transparent, intelligent and responsive supply chain as a competitive edge.

According to Gartner, **54%** of supply chain professionals have learnt from the pandemic disruption, abandoned Excel spreadsheets and changed to more agile systems as their primary operational tool. Profits can almost **double** if supply chain becomes more efficient and expenses fall from **9%** to **4%.**

How about your supply chain?
Is it struggling to integrate and synchronize data across multiple systems, online and offline, with internal and external parties in chaos, inefficiency and slowness to market?

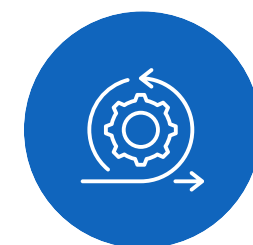## CURRENT CHALLENGES FACED BY BUSINESSES

Lack of visibility

Overall supply chain becomes too complex. But lack a user-friendly, no-code interface for non-technical executives to understand their supply chain.

Lack of intelligence

Data are not accurate and accessible. But solutions in the market are rigid and not affordable.

Lack of agility

Hard to integrate and sync data across the supply chain, making it a struggle to make informed and prompt decisions.

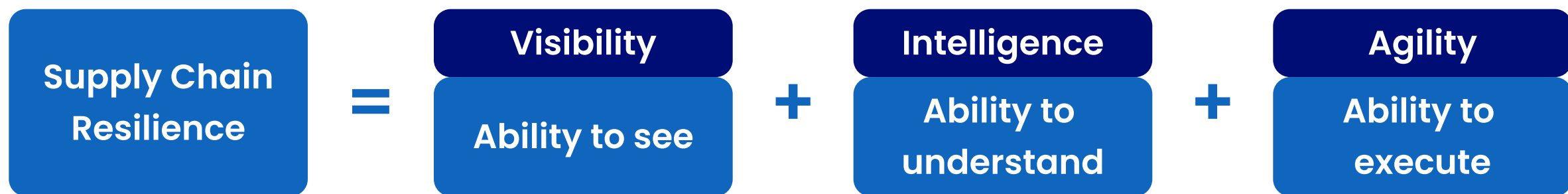## WHAT IF THERE IS A TAILORED SOLUTION FOR YOU?

With these key features:

- ✓ Cloud/Multi-Cloud/Hybrid solutions available
- ✓ Integration with Internet of Things (IoT)
- ✓ AI/Machine Learning fueled
- ✓ Integration with Warehouse Management System
- ✓ Seamless API integration with Xero
- ✓ High security with 2-factor authentication (2FA)
- ✓ Automation with shipping rules
- ✓ Advance shipping notifications
- ✓ Real-time shelf & storage visibility
- ✓ One-click generation of pick-and-pack lists
- ✓ Customization of labels, billing and invoices

2023 OFFICIAL MEMBER
Forbes
Business Council

OFFICIAL MEMBER
LSCM
Logistics and Supply Chain MultiTech R&D Centre
物流及供應鏈多元技術研發中心

100% SERVICE SATISFACTION

Aratum is the only solution provider in the market that offers 100% Service Satisfaction Guarantee. We won't stop until it works for you.

Aratum

Follow us on LinkedIn: **www.linkedin.com/company/aratum-global**   **www.aratum.com**

Our solutions cover management of orders, warehouses, inventory, transportation, and financials.
For more information on Aratum, contact sales@aratum.com or scan the QR code here to arrange a demo cloud consultation.

MAKING THIS FORMULA WORK IN REALITY

$$\text{Supply Chain Resilience} = \underset{\text{Ability to see}}{\text{Visibility}} + \underset{\substack{\text{Ability to} \\ \text{understand}}}{\text{Intelligence}} + \underset{\substack{\text{Ability to} \\ \text{execute}}}{\text{Agility}}$$

Source: LogiSYM

ACHIEVING SUPPLY CHAIN RESILIENCE

SCALABLE
Aratum Horizons is designed to scale with your business, adapting to changes in both volume and complexity. As your company grows, Aratum Horizon grows with you, ensuring seamless expansion without the need for costly overhauls.

CUSTOMIZABLE
Every company has unique needs, and Aratum recognizes the importance of flexibility in tailoring a system to meet those specific requirements. Aratum Horizons adapts a lego-block modular approach, so it can be adjusted to fit various operational demands, reflecting a thoughtful approach to customization.
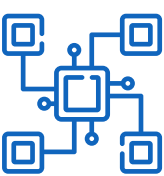
EASY TO INTEGRATE
Seamless integration with existing systems is crucial. Aratum works cohesively with existing infrastructure like ERP or warehouse management systems, aligning with your current processes to provide a unified, disruption-free user experience.

REAL-TIME VISIBILITY
In the fast-paced world of logistics, real-time visibility into tracking and reporting is a must. Aratum Horizons focuses on providing up-to-the-minute information, enabling more informed decision-making and improved customer experiences.

SUPPORTING YOUR DIGITAL TRANSFORMATION
Choosing a tech solution isn't just about the product; it's about finding a reliable partner. Aratum stands out by providing a 100% satisfaction guarantee, our commitment to customer support and quality post-implementation services emphasizes the importance of a strong relationship for mutual growth.
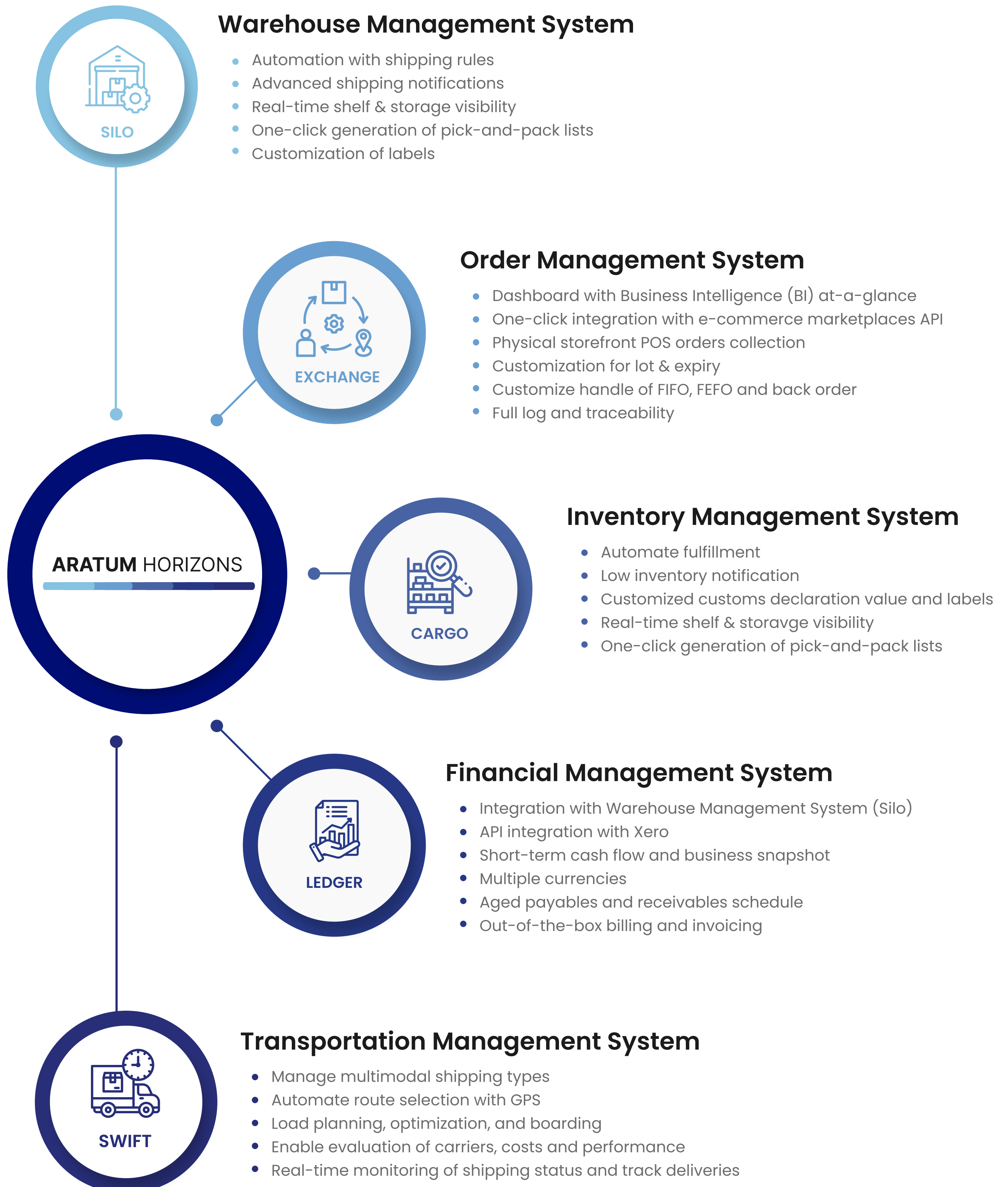
INBOUND-OUTBOUND LOGISTICS PROCESS

ARATUM HORIZONS

Suppliers → Warehouses → Customers

EXCHANGE — CARGO — SILO — SWIFT — LEDGER
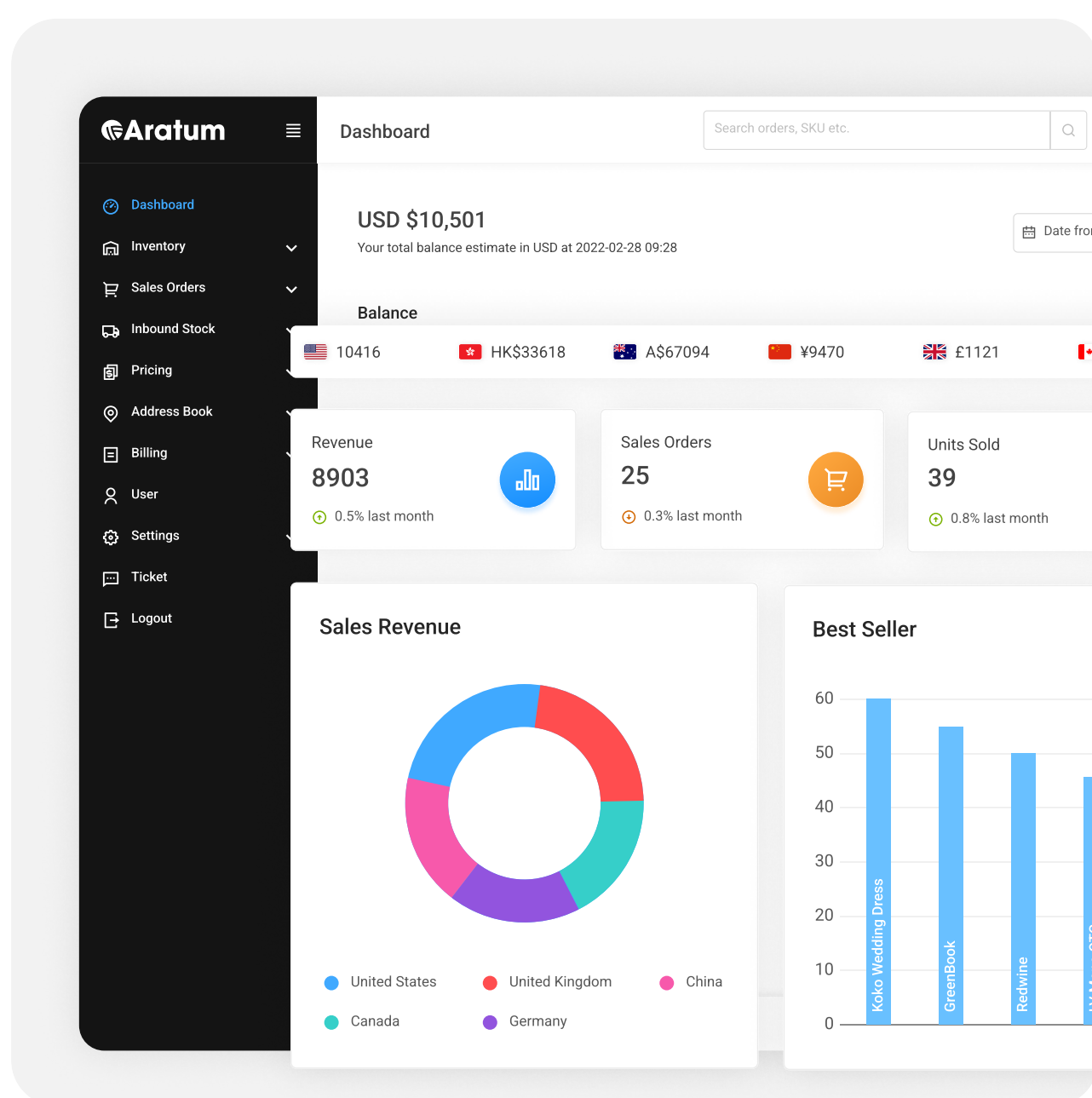
OVERVIEW OF MODULES

Aratum Horizons is a wholistic software consisting of 5 modules. Data can flow between the 5 modules natively. You can choose what you value and go as you grow, without buying thousands of complicated features that are irrelevant to your business.

SILO

Warehouse Management System

- Automation with shipping rules
- Advanced shipping notifications
- Real-time shelf & storage visibility
- One-click generation of pick-and-pack lists
- Customization of labels

EXCHANGE

Order Management System

- Dashboard with Business Intelligence (BI) at-a-glance
- One-click integration with e-commerce marketplaces API
- Physical storefront POS orders collection
- Customization for lot & expiry
- Customize handle of FIFO, FEFO and back order
- Full log and traceability

ARATUM HORIZONS

CARGO

Inventory Management System

- Automate fulfillment
- Low inventory notification
- Customized customs declaration value and labels
- Real-time shelf & storavge visibility
- One-click generation of pick-and-pack lists

LEDGER

Financial Management System

- Integration with Warehouse Management System (Silo)
- API integration with Xero
- Short-term cash flow and business snapshot
- Multiple currencies
- Aged payables and receivables schedule
- Out-of-the-box billing and invoicing

SWIFT

Transportation Management System

- Manage multimodal shipping types
- Automate route selection with GPS
- Load planning, optimization, and boarding
- Enable evaluation of carriers, costs and performance
- Real-time monitoring of shipping status and track deliveries

Aratum

HOW DOES ARATUM HORIZONS TRANSFORM THE LIFE OF DIFFERENT STAKEHOLDERS?

For Couriers
Deliver products faster

For Marketing
Improve customer experience and retention

For Workers
Save unnecessary steps

ARATUM HORIZONS

For Operators
Improve operational efficiency

For Business Decision Makers
Traceability of data from the start of collection

For Warehouses
Reduce unplanned work

For IT Department
Seamless integration with API

USER-FRIENDLY INTERFACE

Real-time dashboard

Easy to customize workflow

EASY INTEGRATION

With Aratum Horizons, all your channel inventories, pricing, sales and shipment can be organized in one single system.

- Connect online and offline data
- Feedback shipment status to customers
- Single source of truth available for multiple channels

SOFTWARE ARCHITECTURE

Aratum makes use of the latest best practices such as micro-services in the design of software architecture, delivering a stable, cost-efficient and robust system that goes as you grow.

Consumers

eCom/Mobile   Marketplaces   POS/Stores   WMS

API Gateway

Load Balancer	Messaging Layer
Synchronous Call	Asynchronous Call

API LAYER
CACHE
DATA STORE
Service 1

API LAYER
CACHE
DATA STORE
Service 2

6 API Gateway - Fastly, Akamai, etc.

5 Load balancer - Nginx

4 Messaging Layer - RabbitMQ

3 API Layer - Springboot, Spring

2 Distributed Cache - Redis, Guava, Caffeine

1 Datastore - NoSQL, Mongo, MySQL, etc.

NEXT STEPS

Phase 1: Validation

Aratum provides complimentary consultancy session for your business' supply chain. Let's discuss to understand your pain points and objectives.

Phase 2: Optimization

Aratum will propose tailored solution for your company, helping you to visualize possible digital transformation for the supply chain.

Phase 3: Implementation

Aratum provides Proof-of-Concept (POC) for your evaluation of feasibility, training and we will construct a project plan with you.

Phase 4: Production

Development of system, UAT and actual execution for tuning and post-sales support.
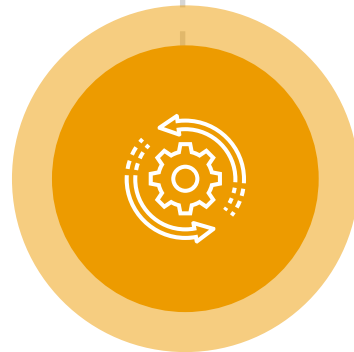
TESTIMONIALS

★★★★★

"We've taken the first step in our digital transformation journey and Aratum Horizons has been critical to this successful beginning. We are already reaping the benefits of automating processes and scaling our operations efficiently and we have only touched the surface. Aratum has brought us quick wins but also caters to our scalability and future rollout."

- Last mile carrier in Hong Kong – Morning Express

★★★★★

"From our initial requirements, the specialists of Aratum had helped us tailored a system that meets exactly our needs. We are very happy to have this technology as our business edge, our weapon."

- Leading scrap metal processing plant - The Philippines

Follow us on LinkedIn: www.linkedin.com/company/aratum-global   www.aratum.com

Our solutions cover management of orders, warehouses, inventory, transportation, and financials.
For more information on Aratum, contact sales@aratum.com or scan the QR code here to arrange a demo and consultation.