



Robotics Hub

Warehouse Management Built for the Future

Evolve how you run the warehouse with cognitive capabilities for complex dynamic warehouse operations with endless adaptability and continuous improvement

Business Challenge

With ecommerce proliferation, a shrinking labor market, and high throughput fulfillment requirements on the rise; automation technologies such as robots, AMRs and AGVs are increasingly finding their way into warehouses and DCs.

However, on-boarding such robots requires highly complex, customized integrations, and leads to vendor lock-in, providing little flexibility to switch.

Additionally, it is cost prohibitive due to the high cost of maintenance and upgrades. Further, customers are challenged as different robot vendors manage their own robots through providing disparate views for operations managers to handle islands of automation within the same warehouse or DC.

Robotics Hub Capability

Included as a part of the Warehouse Management Solution, Robotics Hub is a SaaS-native capability built on Microsoft Azure that enables accelerated onboarding of multiple robotics vendors in a warehouse.

The Robotics Hub helps increase time to value by onboarding robotics vendors rapidly, and enhances operational flexibility by removing vendor lock-in. For warehouse managers and supervisors, this capability will help improve visibility across different automation solutions through a single operations dashboard.



Metrics Real Results

- New vendor onboarding time reduced by

50%

- Reduced cost of implementation of existing vendor into a new site by

60%

Capability Offerings

Standard APIs

- Extensible APIs accelerate onboarding of one or multiple robotic vendors, making Robotics Hub a completely vendor-agnostic capability

Real-time dashboard

- A centralized, intuitive, real-time operations visibility dashboard with standards KPIs provides visibility across robotics vendor solutions, providing a single view and control to operations and warehouse managers and supervisors



Dynamic workflows

- Outbound order fulfilment and replenishment workflows leverage the strengths of the integrated warehouse management solution

Alerts and exceptions

- Increased visibility enables proactive responses to exceptions with alerts and error handling

Key Benefits

- Augment the shrinking workforce with robotics.
- Increase speed to value by reducing the on boarding process and achieve a faster ROI

- Gain insights about your operations across multiple robotics vendors from a single dashboard
- Robotics vendors offer different capabilities at different prices. Don't get tied down to one vendor. Pick and choose what is best for your operation for increased operational flexibility

Key Features

- Vendor agnostic Robotics Hub offered as part of the Warehouse Management Solution
- Exception handling through IoT events
- Combined analytics across robotics and manual operations.
- Optimized automation tasking with integrated warehouse tasking

One Solution for the Entire Warehouse

Robotics Hub is just one of the many capabilities included with Warehouse Management.

Our next generation warehouse management solution builds on 25 years of proven, robust capabilities with paradigm shifting innovation to better predict, plan, adapt, and unify warehouse operations

To learn more about building the warehouse for the future

Contact your Solution Rep or visit blueyonder.com