SNAPCONTROL™



Introducing the future of warehouse systems connectivity – multiagent orchestration technology

Supply chain control technology now mission critical

Factors such as the rise of e-commerce, the growing demand for rapid delivery and the move to smaller distribution centers, combined with the ongoing labor shortage, are dramatically transforming the face of the supply chain sector.

However, as companies invest in new automation and tools to mitigate labor challenges and make warehouses more efficient, single point integrations can prolong onboarding time and slow growth. Integrating all components to yield the anticipated value is difficult and time-consuming.

Automation addresses a number of these issues, but individual systems can have competing objectives and often operate in separate silos, oblivious to the bigger operational picture within the warehouse. These various devices and systems can only be truly effective when working in an integrated manner.

So, what if there was an integrated, holistic solution that can be deployed rapidly, seamlessly, cost effectively and with minimum disruption?

What is multiagent orchestration?

"By 2026, over 50% of companies deploying intralogistics robots will have a multiagent orchestration platform." Gartner®*

Multiagent orchestration can control all warehouse devices and systems from one centralized and convenient platform.

This facilitates an efficient and adaptable warehouse that will accelerate integration and enables the freedom to choose automation/robotic devices that best fit your specific operations.

The key benefit of any multiagent orchestration software has to be its ability to connect with any device within the warehouse. There are few in the marketplace that have that truly 'agnostic' capability, so it's wise to do your homework and ask the right questions.

To help, we've created this 10-step checklist:

- ☐ How integrated are your current tech solutions – are they working as one or in silos?
- ☐ Does the multiagent orchestration solution you are considering connect to any and all types of devices and systems?
- ☐ Can you seamlessly orchestrate the prioritization of work?
- ☐ Does it automatically allocate or reassign tasks and workflows?
- ☐ Will it evaluate which robotic device best matches specific operations?
- ☐ Does it enable data capture to assess the value each device yields?
- ☐ Can it facilitate rapid and real-time device switchover?
- ☐ Does it create buffers for delaying tasks?
- ☐ Is it capable of making adjustments for expiry dates and traceability?
- ☐ Can it manage exceptions without downtime?

If you have have answered NO to any of these then don't worry! We have you covered with SnapControl, which connects the digital devices within your warehouse, delivering more data, more insight and more control.

Why SnapControl?

SnapControl was created by Synergy Logistics – the experts behind leading edge, cloud-based WMS software, SnapFulfil. It is one of just a few multiagent orchestration solutions that is completely device and technology agnostic.

As a platform rather than a point solution, it controls all automation devices and robotic systems within the warehouse (RF, AMRs, Conveyors, Palletizers, Putwalls, ASRS, etc) in the most efficient way possible – and can be implemented in just weeks, without major software upheavals.

SnapControl uniquely promotes bi-directional MQTT (MQ Telemetry Transport) messaging and conversational decision-making between the WMS and remote warehouse devices, which typically have a small code footprint and minimal network bandwidth. In other words, SnapControl speaks to the devices and the devices talk back, enabling the most efficient warehouse decisions to be made automatically!

Consequently, it's the ideal solution for mixed portfolio and multiple vendors offering both AMRs and other autonomous/manual systems, plus it works hand in hand with SnapFulfil and any other incumbent WMS, OMS or e-commerce front end system.

Deployed in the cloud or locally, it can work in any environment, plus in any possible transport method, such as API and CSV to name just two.

All with a low total cost of ownership and rapid time to value.

Here to help...

Seamless and cost-effective robotic/automation integration is now closer and easier than you might think. Harness control with 24/7 visibility from one centralized system – via your new digital transformation partner.

Simple point-to-point API integration is no longer enough and the ability to rapidly augment and orchestrate your technology investments efficiently, without unnecessary service fees, has never been more critical.



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or visit **www.snapfulfil.com/about-snapcontrol**

* Predicts 2023: Supply Chain Technology
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