

Qubit™ Fulfillment Platform

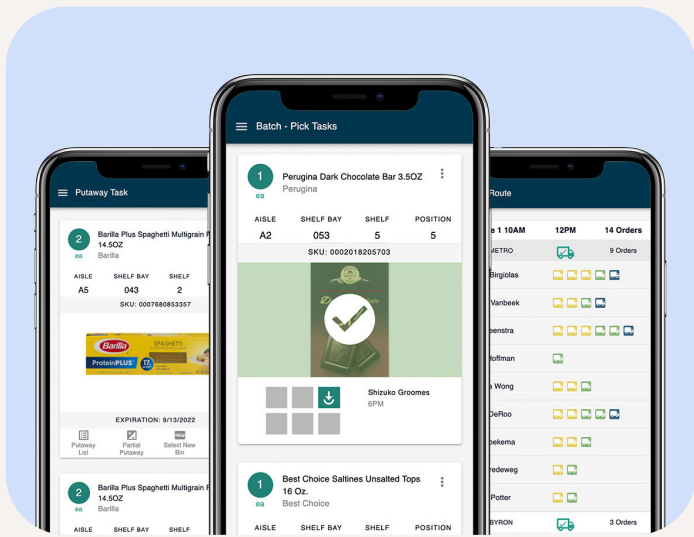
The Answer to Your Fulfillment Challenges, at Scale

Large enterprises are under increasing pressure to meet rapidly evolving expectations for ultra-fast delivery, global consistency, and cost-efficient fulfillment at scale. Optimized for the AutoStore Grid, the Qubit Fulfillment Platform addresses these challenges by accelerating operational efficiency, reducing end-to-end cycle times, and unlocking the throughput required to elevate the customer experience across every channel.

The Qubit Fulfillment Platform is a proven system purpose-built to orchestrate the complexities of high-volume order fulfillment within AutoStore-powered environments. Qubit delivers precise capacity control across multi-site networks. The platform serves as the intelligence layer for automated fulfillment, coordinating robotic workflows, system routing, inventory management, and integrations to meet order commitments with speed and accuracy.

Designed with an API-first architecture, the Qubit Fulfillment Platform integrates seamlessly with core enterprise systems and enables organizations to scale automation investments consistently across their entire fulfillment network. Qubit is a cloud-native, multi-format, multi-site platform that can be configured on a site-by-site basis. It supports all tasks from inbound to outbound operations across ambient, chilled, and frozen environments, ensuring predictable performance in even the most complex operational models.

Save money and maximize capacity by scaling automated fulfillment with a platform built specifically for the AutoStore Grid.



Product Features

The Qubit Fulfillment Platform is configurable and can be tailored to each site's automated operational requirements.

Picking & Order Management

- Execute high-throughput, multi-order and multi-zone picking across AutoStore-powered workflows
- Intelligently orchestrate order routing, sequencing, and batching to meet demanding SLA requirements
- Provide real-time visibility into order status and fulfillment progress across the network
- Support exception handling for catchweight items and substitution logic for out-of-stock scenarios

Induction & Inventory Management

- Reconcile inbound inventory with supply chain purchase orders
- Ensure accurate alignment between inbound receiving and automated storage workflows
- Maintain real-time available-to-promise inventory across all automated sites
- Track expiration dates with first expired, first out (FEFO) logic for perishable items in high-volume operations

Configurations & Settings Management

- Enable control of site configurations and operational settings
- Manage role-based permissions and user access by function or site
- Ability to dive into deeper analytics to optimize performance



Key Benefits:

- **Modular and configurable:** Modern and extensible cloud solution easily configures to your operating procedures and complements existing IT systems, including enterprise resource planning (ERP), warehouse management system (WMS), order management system (OMS), distributed order management system (DOM), transportation management system (TMS), and e-commerce software.
- **Purpose-built for the AutoStore Grid:** Qubit is engineered specifically to maximize the performance, intelligence, and throughput of AutoStore systems—unlocking the full potential of the Grid through optimized orchestration, workflow efficiency, and seamless integration across large, automated networks.
- **Increased scalability and flexibility:** Easy multi-site management with a single implementation model reduces time and risk when expanding your automated network. This ensures consistent performance across all fulfillment locations—without requiring code changes.
- **Uninterrupted and seamless software upgrades:** A continuous integration and continuous delivery/deployment (CI/CD) development process delivers frequent, non-disruptive releases that maintain high reliability, support continuous innovation, and ensure enterprise-grade business continuity.