



The Answer To Your Omnichannel
Order Fulfillment Challenges

QublTM Fulfillment Platform

Retailers are constantly challenged to satisfy consumers' evolving demands for ultra-convenience and faster delivery of their online shopping orders while keeping costs in control, maximizing growth potential, and staying ahead of the competition. The QublTM Fulfillment Platform addresses these challenges by accelerating operational efficiency, reducing labor costs and picking times, and increasing the capacity needed to elevate the customer e-commerce experience.



The Qublt Fulfillment Platform is a proven software platform that manages the complexities of online order fulfillment and enables more control over fulfillment capacity in locations that are closer to where customers live and work. From in-store manual picking to fully automated micro-fulfillment, the software platform is both configurable and extensible. It is capable of being used as an in-store picking app or an order fulfillment and inventory management application that intelligently orchestrates people and robotic automation to deliver on order commitments- depending on the operational complexity and other applications that are in use.

The Qublt Fulfillment Platform easily integrates with other operational applications via its API-first architecture and provides a competitive advantage by enabling retailers to easily scale automation investments across their entire network of e-commerce fulfillment operations. The software platform supports all tasks, from inbound to outbound operations, across all temperature zones (ambient, chill, and frozen).



It is a cloud-native, multi-format, multi-site platform that can be configured on a site-by-site basis to address different operations:

- **Micro-Fulfillment:**

A small-footprint warehouse that includes the AutoStore system to automate order fulfillment. MFCs are located close to where the consumer lives and or / works and are either stand-alone, adjacent to, or part of an active brick-and-mortar store. They enable rapid same-day order fulfillment in suburban metro and urban locations.

- **Manual Dark Store Fulfillment:**

Fulfillment operations of the same size as a typical store but one where consumers cannot shop. These operations enable the retailer to organize (slot) inventory and pick zones for maximum productivity. Qublt Fulfillment Platform will also provide a real-time accurate understanding of available inventory in this type of operation.

- **In-Store Fulfillment:**

Online order fulfillment using an existing store that is also shopped by the in-store consumer. Picking operations are optimized through batching and zone-based picking strategies.

Save money by maximizing your capacity with more efficient order fulfillment.

Product Features

The Qublt Fulfillment Platform is configurable and can be tailored to a site's unique operational needs. Select from the following features to support your operational requirements:

- **Order Management**

- Send orders to the appropriate location for fulfillment
- Intelligently wave and batch orders across all zones based on time windows and routes
- Assist in viewing order status
- Support both manual and automated order pre-picking (staging) and consolidation
- Order orchestration with outbound logistics

- **Fulfillment Application**

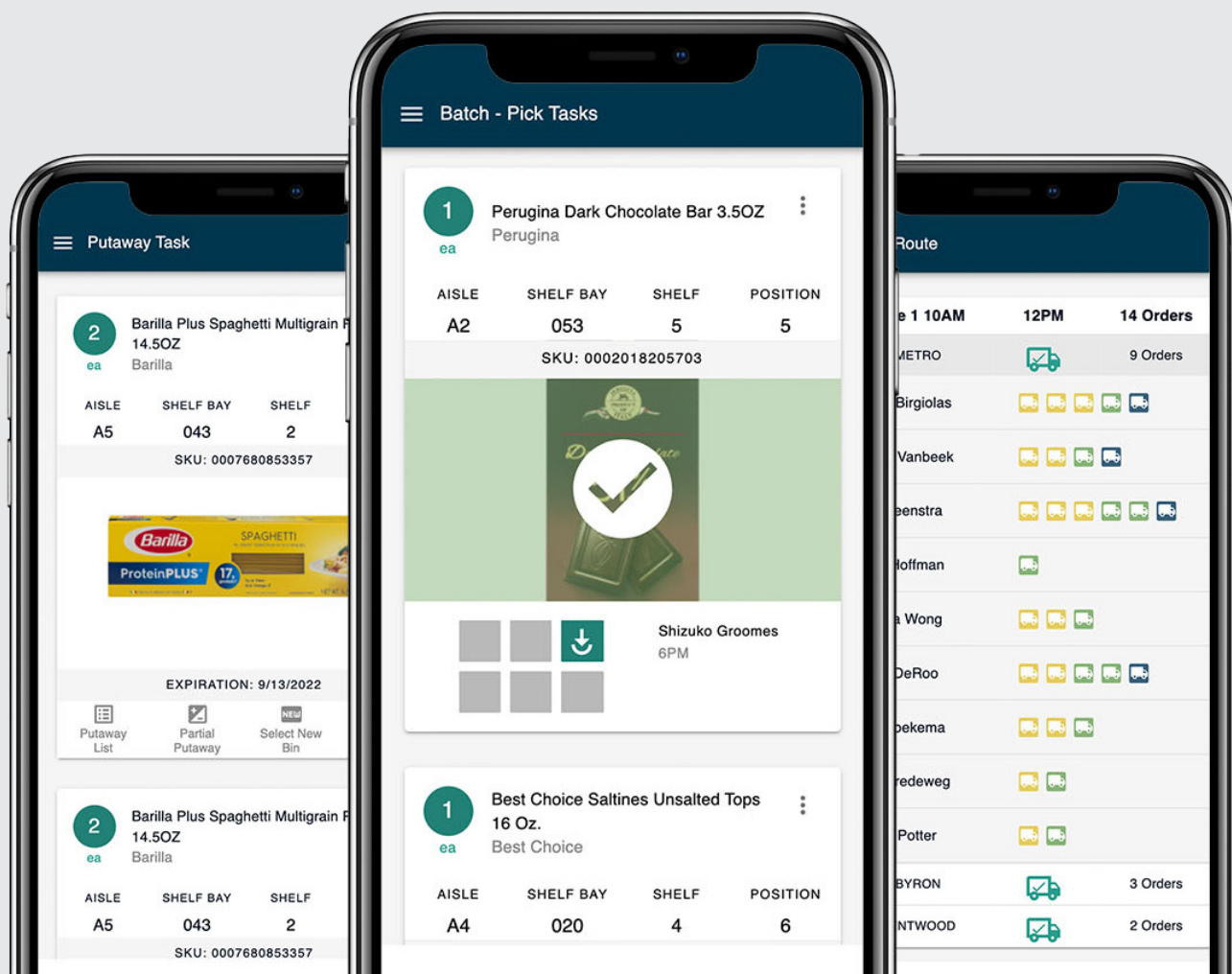
- Enable multi-order and multi-zone (in-store, manual, and AutoStore system) picking
- Provide operators with exception handling for catch-weight items and order line substitutions for out-of-stock items
- Gain control over pick and pack sequence

- **Inventory Management**

- Receiving — reconcile inbound inventory with supply chain purchase orders
- Put-away — direct inbound inventory to the appropriate location within the MFC, such as inducting inventory into the AutoStore system
- Real-time view of available-to-promise inventory
- Support slotting strategies to maximize picking efficiency and minimize replenishment tasks
- Expiration date tracking with First-to-Expire- First-Out (FEFO) logic for perishable items in picking and replenishment

- **Labor Management and Analytics**

- Role-based permissions configurable by role and location
- Performance analytics & real-time reports



Key Benefits

- **Modular and highly configurable:**

Modern and extensible cloud solution easily configures to your operating procedures and complements existing IT systems (e.g., ERP, WMS, OMS, DOM, TMS, and e-comm).

- **Enhanced inventory freshness:**

Customers expect the fresh product to be at its best. The Qublt Fulfillment Platform uses expiration date tracking with FEFO logic in picking and replenishment to ensure optimal use of perishable items with an appreciable reduction in stock losses.

- **Improved order accuracy:**

Customers get what they expect given real-time visibility into inventory. This allows you to optimize stock levels and streamline order fulfillment.

- **Increased scalability and flexibility:**

Easy multi-site management with a single implementation capability reduces the time and risk for each additional site launch. This also helps you to achieve greater consistency in performance metrics across all fulfillment operations – and no code changes are needed for extensions.

- **Uninterrupted and seamless software upgrades:**

Continuous Integration/Continuous Deployment (CI/CD) software development process results in frequent releases and allows you to enjoy uninterrupted service and continued feature implementation – ensuring high software reliability and business continuity.

