

Infios Slotting.IQ



Reduce labor costs and improve labor productivity

Warehouse labor can be difficult to manage and maintain with high turnover and rising labor costs. Slotting.IQ makes picking and replenishment more efficient, requiring fewer labor hours to accomplish more via better slotting strategies and calculation of item velocities. By optimizing inventory placement (e.g., placing items often picked together near each other), workers are more efficient and able to pick more items in a shorter time, allowing for fewer workers per shift or pickers to be reassigned to other tasks. Workplace safety is improved by slotting based on ergonomic criteria, leading to fewer sick days and improved worker morale.

Improve order accuracy and customer satisfaction

Today's customers expect to get their order in whole, in good condition and, most importantly, on time. These increasing customer demands can leave a warehouse looking for any edge to increase order accuracy, decrease damaged inventory and ultimately improve customer satisfaction. Slotting.IQ improves picking accuracy and efficiency to reduce incorrect or late shipments while using applicable placement rules to put inventory in a place where it will not be damaged.

Why Infios Slotting.IQ?

Support a range of use cases: Business' slotting needs can vary significantly, whether that is re-slotting an entire warehouse, establishing new picking zones or assigning locations for new products.

Multiple optimization criteria: Customers can evaluate multiple scenarios based on chosen criteria that affect workflow efficiency. Criteria include picking distances, number of replenishments and number of item movements needed to implement slotting recommendations.

Adaptable rule sets: A comprehensive set of hard and soft rules can be configured based on weights, storage conditions, current velocity classifications or more to create targeted analyses based on customer requirements.

Key benefits

Boost workforce productivity

Reduce replenishment effort

Improve order accuracy

Improve workplace safety

Improve space utilization

Reduce item damage

How it works



Reduce inefficiencies while increasing worker safety

In addition to reducing labor costs and increasing efficiency, Slotting.IQ helps warehouses:

- **Improve workplace safety** with more efficient slotting methods, reducing the risk of worker injury and increasing employee satisfaction.
- **Reduce manual efforts** for pickers by slotting strategically based on item clusters and picking history.
- **Improve space utilization** and free up storage space by strategically assigning storage slots.
- **Visualize slotting scenarios** with 3D models of slotting analyses, simulations of pick journeys and cost-benefit calculations.

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Slotting functionality for dynamic, complex inventories

- Apply data science modeling via an algorithm that uses company-specific data, such as item master information, warehouse layout or placement rules, to enable advanced slotting optimization that drives quantifiable improvements.
- Configure hard or soft slotting rules from pre-built rule sets or customized rules using product properties to determine the most efficient slotting plan for any warehouse.
- Optimize and analyze all scenarios to achieve the best results. ABC classification identifies fast movers, product cluster analysis identifies products often picked together and replenishment analysis determines the optimal location size.
- Integrate Slotting.IQ and the rest of the warehouse with a SaaS-based solution that supports Infios and third-party WMS solutions, API-based WMS integration and multi-site deployment.

Infios, your strategic partner

As supply chains continue to become more complex, a strategic partner who provides a range of end-to-end solutions can be invaluable. Infios developed Slotting.IQ as a smarter slotting solution employing data-science techniques to enhance picking and fulfillment efficiency and boost staff productivity.

Find out how Slotting.IQ can optimize inventory management in your warehouse. Visit our website or contact us for more information.