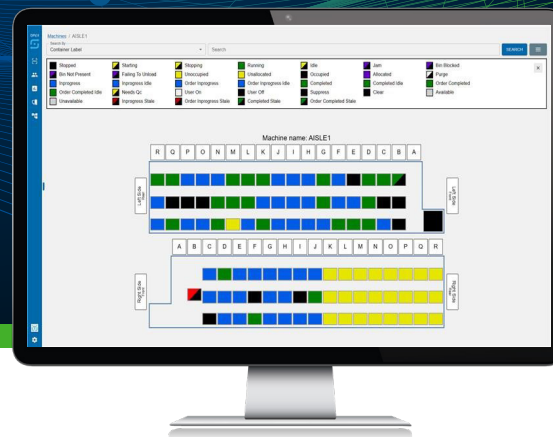# OPEX® CORTEX® S2O

Integrated Software Suite for Simplified, Efficient Order Fulfillment

WHY CORTEX® S2O™?

The Cortex Sort To Order, (S2O) software suite provides higher level functionality for OPEX's Sortation equipment, simplifying the integration of the system, while providing a full user experience as a turnkey package. S2O unlocks full order management built on top of the sorter's core capabilities and talks directly with the Warehouse Management System (WMS) or Order Management System (OMS) utilizing multiple communication methods to adapt to the end customer environment.

FEATURES

MOBILE PACKOUT OPERATOR USER INTERFACE

The automated sortation putwall pack out operator has their own dedicated application, which can run on wrist computer that allows the operator to easily scan, check-out complete orders and replenish the sort destination by checking new containers into the sort location.

SYSTEMATIC ORDER BIN ASSIGNMENT

S2O will assign orders to the bins in the sorter, taking the burden away from the WCS/WES. Splitting orders across multiple bins if necessary based off cubic volume or dimensional attributes of the items in the order. Ergonomically assigning bins based on order weight. Putwall can be configured into zones to facilitate order grouping based on wave/batch, downstream destination or other order characteristics.

OPERATIONAL ANALYTICS

Automated reports that indicate how well your order consolidation and fulfillment is proceeding. Visibility into the time & effort to process the orders to unlock business efficiency.

ORDER INSPECTION & QUALITY CONTROL AUDITS

For customers who care about order integrity, dwell time, or ensuring orders are not sitting idle, S2O takes full control of the PTLs, directing operators to locations that require attention. Mobile software guides operators through quality audits and exception scenarios such as missing items, stale orders and piece delivery problems while providing full visibility into order status across the automated putwall.

ADVANTAGES

STREAMLINED

By consolidating sortation hardware and order fulfillment software under a single OEM provider, Cortex S2O significantly reduces integration complexity. Organizations benefit from quicker, hassle-free deployments, eliminating the risk and delays associated with managing multiple vendors and systems integration partners.

EFFICIENT

The Cortex S2O solution intelligently manages bin assignments, strategically splitting and positioning orders to balance machine performance and operator productivity. This smart optimization maximizes overall throughput, reduces fulfillment cycle times, and ensures critical shipments always meet their delivery targets.

ENHANCED ORDER ACCURACY AND INTEGRITY

With built-in inspection and proactive quality control audits, Cortex S2O ensures accurate order fulfillment and reduces costly order discrepancies. Businesses can confidently meet customer expectations by preventing incomplete or incorrect orders, reducing return rates, and improving overall customer satisfaction.

REAL-TIME VISIBILITY

Comprehensive operational analytics provided by Cortex S2O deliver automated, real-time reports on fulfillment performance. Organizations gain clear insights into processing efficiency, order dwell times, and operator productivity, enabling data-driven decision-making to continuously optimize operations and improve overall warehouse efficiency.
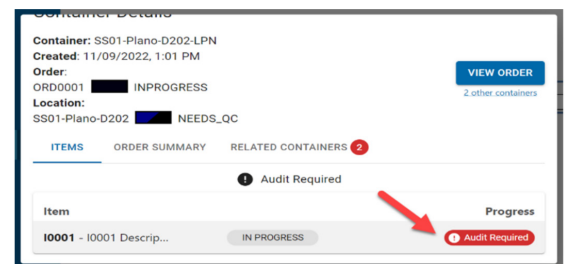
SPECIFICATIONS & CAPABILITIES

IT Infrastructure	Securely On Premises
Order Information Exchange Methods	Database To Database, CSV/Flat File Transfer
Customer Supplied Scanners	Supported
Order Management of Multiple Sortation Systems Simultaneously	Up to 12 Sortation Machines at Once
Order Investigation & Troubleshooting Tools	Included
Ergonomic and Efficient Bin Assignment Logic	Included
Overrides To Move Items Associated With an Order To Different Locations	Included
Web Based Administrative Portal	Included
Multi-language capable	English, Spanish, Korean, etc.
Identity and User A Management	Internal, Active Directory, LDAP
Version Controller With Yearly Update Releases	Included
Encryption	TLS1.3
Simultaneous Users	50 operators, 20 managers

Operator with S2O Sweeper App on wrist computer

Auditing an Order

Have questions?
Contact us.

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