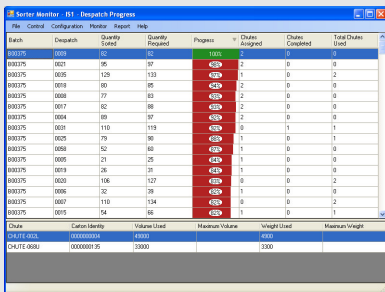# IWS SORTATION

IWS Sortation provides a high performance solution to control your order and parcel sorting.

The IWS Sortation module provides a full high level control system for tilt tray, cross belt and other types of automatic sorters. The unique dynamic operating algorithms provide a true "next generation" sortation system that maximizes machine efficiency and utilization.

Full integration within the IWS package allow you to maximize the benefits of a sorter and use other IWS modules, for example user reporting, conveyor control, label printing and RF terminal interfaces.

High reliability features, including automatic server switchover in the event of a failure and real-time database mirroring, ensure maximum equipment availability without skilled IT personnel.
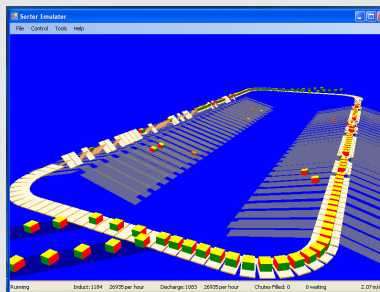

Real time Progress
Get an accurate view on the current sortation progress to ensure the correct staffing levels and maximize efficiency.

Sorter Emulator
Provides an accurate simulation of the sorter that links into the control system in the same manner as the real machine. Allows for easy and effective end -to-end testing and training.

INTEGRATED WAREHOUSE SOLUTION

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warehouse solutions

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warehouse solutions

With its advanced dynamic algorithms, IWS Sortation can maximize the performance of your sorting and give you the flexibility to meet your service requirements.

Wide range of hardware support

Support a wide range of different sorting technologies from a range of manufacturers to select the optimum product for your requirements.

We can configure IWS to support most sorter layouts without any software changes resulting in lower deployment costs and risks.

Dynamic sorting

Make changes to the configuration while the sorter is operating to ensure maximum efficiency as requirements change.

IWS responds immediately to any changes that could affect the destination of any of the items on the sorter, from chute blockages or clearance to changes in the batch requirements or chute configuration.

Dynamic chute allocation

Use dynamic chute allocation to allow IWS to manage the placement of destinations to the sorter chutes.

Configure zoning and fixed chute allocations where necessary to restrict the dynamic allocation for special requirements.

Allocate additional chutes to cover chute clearance times and to handle large demands.

Sort to more destinations than chutes because the dynamic chute allocation will switch the assignments as required.

Reduce the batch tail by opening multiple chutes for the same destination.

Change any of the chute configuration while the sorter is operating.

Batch control

Run with a single batch or overlap multiple batches to keep the sorter running at full capacity during the batch changeover.

Update the batch requirements at any time during the sorting.

Sorter emulator

Use the graphical emulator to demonstrate your sorter running, connected to the real control software.

Perform accurate testing to verify the system operation without the physical effort of running the real machine.

Configure genuine operator timings and use the emulator to simulate performance under different operating conditions or changed business requirements.

Train your operators on a fully functional system without interrupting the live operation.

Integrated solution

Manage the sortation process with the knowledge of what is happening downstream and upstream from the sortation equipment.

Find all your information in one place. As part of the complete IWS package, the sortation module integrates with the user interface and database.

Combine the data from all areas of your system into reports and analysis to get a complete view of your operation.

Use the knowledge held in IWS to optimize your complete system, not just individual equipment.

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