



REBUILD YOUR SORTATION SYSTEM TO LIKE NEW CONDITION

Application Brief

SITUATION

Sortation systems are essential for meeting daily customer service levels in distribution and fulfillment (D&F) operations. But inevitably, after years of service, sortation systems will gradually experience declining performance levels, which can disrupt throughput rates and detract from other key performance indicators (KPIs). Over time, operators often accept these emerging limitations and create process workarounds that are both costly and inefficient.

Some indications that your sortation system is no longer running at optimum performance include:

- Frequent unplanned downtime, diminishing throughput rates
- Increased energy consumption from the mechanical components working too hard
- Poor sortation conveying surface performance, causing packages to bounce off, jam or become damaged
- Inaccurate diverting, leading to routing errors and high recirculation rates
- Excessive noise levels, creating a distracting and potentially unsafe working environment

As is often the case, when these problems accumulate to the point that operations are significantly impaired, many facility managers think their only option is to install a new system. But making a large capital investment in a new sortation system is not the only remedy available for this all-too-common problem.

SOLUTION

What if you could restore your existing sortation system at a fraction of the cost of installing an all-new system? With the sortation system engineers from Honeywell Intelligrated, you can. Our experienced teams of experts can evaluate your current system, replace key components, add modern enhancements, and rebuild your sorter to a “like new” state within only a matter of days.

The process starts by tearing down the sortation system to its frames and removing all wearable mechanical components. Structural pieces that often can be reused in this process include: floor supports, side frames, cross braces, internal jam detector plates and the chain’s structural track.

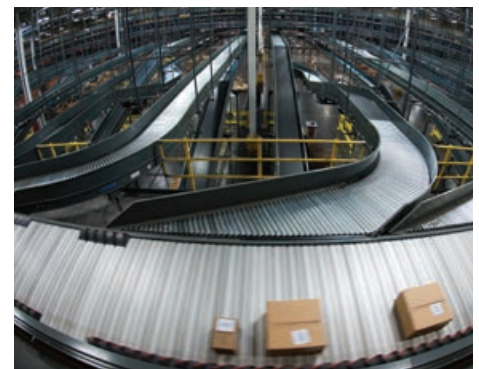
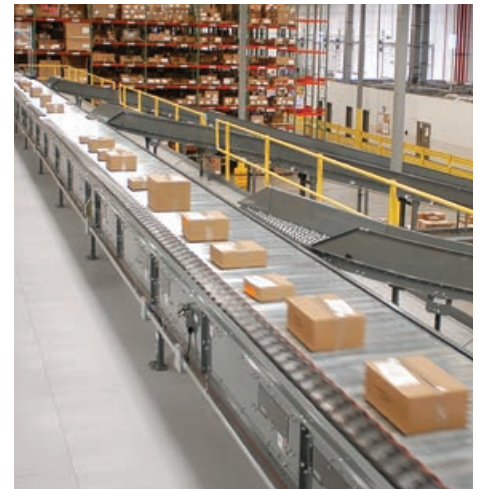
To perform a complete sortation system rebuild requires replacing all wearable mechanical components with new, often improved and/or upgraded versions. Typical replacements and upgrades include:

- Shaft assemblies on the entrance and drive
- Chain and chain track
- Slats or tubes and shoes replaced with flights
- Switch assembly kits with plug-and-play connectivity for ease of maintenance
- Divert rails, re-entry blocks, pin guides, pin blocks and wearable shoe support blocks
- Powerpack assemblies (motor, reducer, belts, sheaves, safety guarding)
- Transition sections (entrance and exit)
- Upgrade chain covers and divert spur guarding

After replacing or upgrading all key wearable components, your existing sorter is essentially restored to a “like new” condition. Our sorter rebuild teams work quickly to complete these projects in a matter of days, limiting downtime to less than what it would take for a new install — while restoring your D&F operation to peak efficiencies that deliver:

- Increased throughput
- Improved diverter accuracy
- Reduced unplanned downtime
- Enhanced energy efficiency

To gain the peace of mind that comes with having a sortation system that provides peak performance at a fraction of the cost, contact the sorter rebuild engineers at Honeywell Intelligrated or visit our website for more information.



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