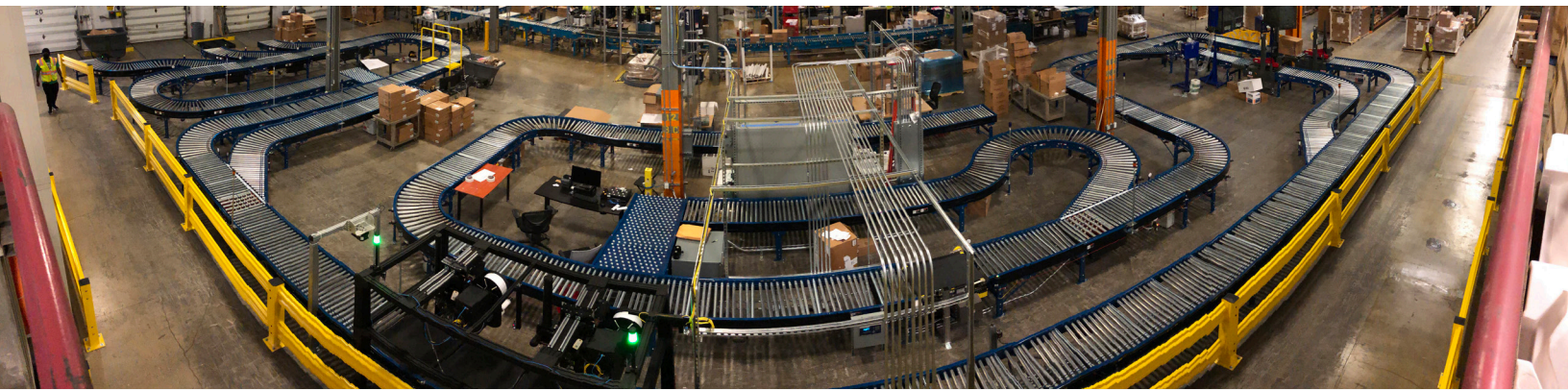


CASE STUDY: INCREASING UPTIME AND EFFICIENCIES

Medical Technology Company

The Challenge

An aging conveyor system created daily disruptions in the processing and shipping operations of an industry-leading medical technology company, preventing them from meeting their goals.



The Solution

Working with the client, PeakLogix helped identify their core needs to discover an industry-best solution. We provided a turn-key proposal to replace the aged conveyor system; add barcode scanners, automated print-and-apply machines, and semi-automated case sealers; and upgrade to a new Warehouse Control System.

PeakLogix oversaw the ordering and installation of equipment, provided employee training, and managed vendors and crews through the go-live date of the new system.

The Results

PeakLogix helped our client reduce the need for maintenance of their system and subsequent downtime, while increasing capacity and nearly doubling throughput from 8 cases per minute up to 14.

KEY RESULTS

75%
INCREASE
8 to 14 cases
per minute

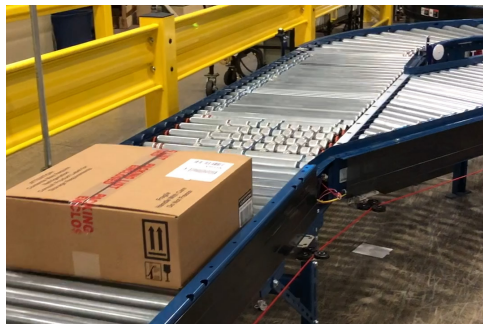
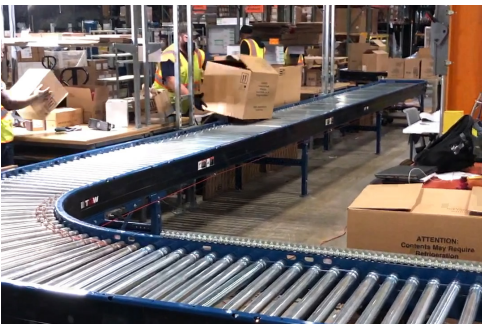
UPTIME
INCREASE
upgrading aged
components

24/7
UPTIME
efficient hotline
support

The capacity of the system has been almost doubled from **8 cases per minute up to 14**.

The equipment's **uptime has been increased** by updating and upgrading aged and out-of-date components.

Uptime has been further increased with **efficient 24/7 hotline support** and up-to-date analytics of equipment and processes.



Project Specs

- ▶ The Warehouse Control System is the Revolution Street WXS, provided by one of our software partners Pendant Automation. This software offers an easy-to-use interface that enables the client to efficiently run, monitor, and analyze their parcel shipping process.
- ▶ The conveyor is from MHS (formerly known as TGW). It's a 24-Volt, Motor-Driven Roller, Zero-Pressure Accumulation Conveyor. It's a quiet, low voltage, easily maintained system.
- ▶ Both automated print-and-apply machines are Predator NextSteps, which print and apply a packing list and shipping label with one "tamp" to the box. Most print and apply machines require either two "tamps" or two machines that separately provide the packing list and shipping label. The NextSteps further improve throughput by applying labels to the packages while in motion.
- ▶ Both case sealers are 3M 7000r3 Semi-Automatic Case Sealers. Operators feed boxes into the system, which then automatically seals the top and feeds them to the downstream conveyor.