Lineage

RECEIVING REDEFINED

How the Lineage Eye Enhances Our Vision to Help Feed the World

Receiving pallets can be a daunting task. It's labor intensive and time consuming, creating ripple effects in areas like labor costs, truck turn times and how many pallets a warehouse can receive in a day. The clock starts ticking the moment a pallet shows up at our doors. And when it takes anywhere from two to five minutes to receive a pallet, every minute is critical.
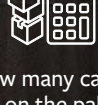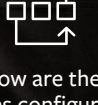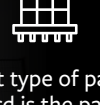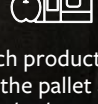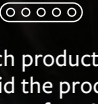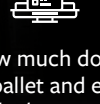
AN EYE FOR
AUTOMATION

As an industry leader, we're continuously advancing our technologies to improve operational standardization and efficiencies. Our talented in-house data science team and automation experts came together to create a patented solution that's faster, smarter and more efficient. Enter Lineage Eye: a scanner that uses proprietary computer vision software to quickly identify which items are on a pallet.

The Lineage Eye is just one of over 80 patents issued for technological innovations directly impacting the cold chain.

NO SIDE LEFT UNSEEN

Not all boxes are packed the same. They can vary in weight and barcode placement, making it even more difficult for team members to find and scan them in. With the Lineage Eye, no barcode goes unseen. The pallet moves into a photo booth where it captures 13 images of the sides and top of the pallet. Using computer vision, these photos help Operations answer the following questions:

How many cases are on the pallet?

How are the cases configured on the pallet?

What type of pallet board is the pallet sitting on?

Which products are on the pallet and when do they expire?

Which production runs did the products come from?

How much does the pallet and each individual case weigh?

EFFICIENCIES AT
EVERY TURN

But how can a handful of photos revolutionize the receiving process? The Lineage Eye has cut down on the number of labor hours needed to scan in boxes. Instead, automating the process has enabled our team members to receive more pallets in a day than ever before, giving us more opportunities throughout our facilities to enhance our customers' cold chain experience.

A FACILITY THAT RECEIVES
10K PALLETS
IN ONE WEEK
CAN SEE A SAVINGS OF UP TO NEARLY
200 HOURS OF LABOR

AS OF JANUARY 1, 2024, THE LINEAGE EYE HAS BEEN DEPLOYED AT
5 FACILITIES

WEIGHT!
THERE'S MORE

While the Lineage Eye was designed to streamline pallet receiving, it has aided other areas of automation in our warehouses. When automated case pickers take a layer off the top of a pallet and move it to a different one, that changes the weight of both pallets. Before the Lineage Eye, this would've taken extra time and effort, but since it already scanned in the barcode of each box, it can match the case to the bar code to capture the catch weight of both pallets.

REACHING NEW
HEIGHTS

It also sends information to robotic cranes and case pickers, which means cases can be stored even higher without the limitations of forklifts. These types of advancements are informing building design, so facilities can operate at peak efficiency.

OFF PALLETS AND
ONTO PLATES

In the cold chain, every second counts. We've made it our mission to help feed the world, and automating our receiving process is just one of many game-changing innovations we've implemented to help get food onto plates safely and efficiently.

Learn more about how Lineage is automating toward a better cold chain.

INNOVATION IN ACTION