

# Xtrakt™ Transforms Manufacturing with Automated Weight-Based Counting and Packaging



## Challenges:

- During the counting and packing process, the customer depended on weighing scales to check the weight of each SKU (Stock Keeping Unit). It was a tedious and time-consuming process to ensure that the exact weight corresponded to the SKU.
- A key challenge was the lack of real-time data and SKU monitoring throughout the production process.
- The lack of real-time information made it difficult to respond swiftly to situations while maintaining quality control.

## Our Solutions

- Xtrakt™ connects to any industrial weighing scale with an RS232 output. This link guarantees that the weight verification process is automated and precise.
- During the counting and packing process, Xtrakt™ can host a USB barcode scanner and printer, allowing for SKU confirmation and label printing.
- Xtrakt™ precisely performs the full process flow. It entails operator validation for the Finished Goods (FG) bag, ensuring that the correct SKU is used by scanning the barcode, validating the count using the weighing scale to confirm the corresponding weight, and printing labels for packaging FG in bags, grouping bags, and placing them in boxes, cartons, and pallets.

## Benefits

- Real-time data and tracking enabled for more efficient planning and resource allocation.
- The use of barcode scanning and automation reduced mistakes and improved data accuracy.
- The ability to use machine interlock meant that the counting and packing processes ran smoothly, lowering the possibility of mistakes and anomalies.
- A user-friendly interface streamlined operations, allowing operators to more precisely oversee the counting and packing processes.
- Label printing enhanced the packaging process by ensuring correct SKU identification.