



iCAP

Plant Floor Control

Robust Plant-Floor Weighing and Labeling



MISSION-CRITICAL PLANT FLOOR SOFTWARE

Trusted by some of the largest food processors in North America.

Plant-Floor Software Designed Specifically for the Food Industry

In the food industry, the plant-floor can be a tough environment where technology solutions suffer from extreme conditions. As Carlisle Technology's third-generation plant-floor software, iCap was designed to thrive in the toughest environments. Trusted by some of the largest food processors in North America, iCap is the industry's most comprehensive and robust plant-floor software.

iCap functions as both a stand-alone application or as a thick client application that communicates directly with a host. Integration is made simple with iCap's ability to integrate common equipment like scales, and printers into weighing and labeling solutions. iCap can also collect data from a wide variety of sources like RFID equipment, PLCs, vision systems, and other data-collection devices.



Key Features

- Weigh and label pieces, cartons, and combos
- GS1-128 Barcoding
- Batch printing
- Product giveaway tracking
- Integrate scales, scanners, printers into a complete weighing and labeling system
- Touchscreen display with large user-friendly buttons
- Thick-client application with local SQL database so production continues with or without network connectivity
- Mixed and batch product labeling
- Send production orders down to iCap stations from Symphony or external ERP

STATIC WEIGHING & LABELING

When it comes to weighing and labeling individual pieces or cartons, iCap's simplicity can't be beat. iCap integrates scales, printers, and scanners into one complete weighing and labeling station. Designed with a simple user interface, iCap's usability reduces overall operator training time and increases productivity. Product files can be centrally managed and sent down to iCap stations from the office. Operators simply select the product they are working with and put the item on the scale; iCap will automatically weigh and generate the correct serialized label for the product, and the application is ready to weigh and label again.



Plant Floor Control

Streamline plant floor weighing and labeling with iCap's easy-to-use operator interface.

iCap for Processors

iCap was designed for the plant-floor. With applications that span the entire production process, iCap is essential to daily plant-floor operations. Whether filling orders sent from an MES, or operating independently, production efficiency and accuracy can be ensured through iCap's integration of scales, printers, and scanners.

iCap in RAW Production

On the cut-floor, the iCap station connects to either a bench scale or floor scale. Throughout the WIP process iCap is used to weigh and label intermediate products like combos, stainless steel bins, tubs, or individual cuts of meat. This helps processors track intermediate products as they travel throughout the production process. iCap's barcoding system gives processors visibility into the raw material that is used to produce finished goods.



iCap Finished Goods Weighing and Labeling

For finished goods, iCap accurately weighs and labels pieces, cases, and pallets of products with standard GS1 labels. These labels will uniquely identify each product, and its serial number, for inventory management and traceability. Whether a processor is filling orders or building to inventory, iCap automates the case and pallet building process.

iCap Automated Case Labeling

For high-speed case weighing and labeling, iCap eliminates errors and ensures inventory accuracy. With iCap's automated application, cases can be identified, weighed, labeled, and confirmed prior to being palletized. By interrogating incoming products with a barcode scanner, products are properly identified before they reach the conveyor scale. iCap integrates directly with a conveyor scale to accurately weigh each carton while it travels across the scale. Once a product has been weighed, standard GS1 case label information is sent to the automated print and apply system. Almost immediately after a case has been labeled, iCap will scan the case label and confirm the correct label has been placed on each case. After each label has been confirmed, production data will automatically update the inventory database.



Industry specific features designed to augment multiple processing environments

iCap for the Beef Industry

iCap augments beef processing from the initial induction of the animal on the kill-floor. iCap records the animal's ear tag information, and uniquely identifies each carcass by printing tags that follow the carcass through every step of the process. iCap provides insight into animal yields with the ability to capture the live weight, hot weight, cold weight, and assign carcass attributes to each animal. Seamless integration with RFID readers, mono-rail scales, and printers enable iCap to collect-data and identify animals through each step.



iCap for the High-Volume Pork Industry

In the high-volume pork industry, reliability and uptime is essential. iCap supports this environment and has unique functions to specifically meet the demands of the high-volume pork industry. iCap collects data at key stages in the process like the hot scale, grading station, and the cold scale. By integrating with vision systems or RFID technology iCap can identify, collect, and record data for each carcass as it travels through the kill-floor.



iCap for the Poultry Industry

Whether a poultry processor needs to weigh and label whole birds or individual cuts, iCap can help streamline the process and reduce human error. iCap accomplishes this by enabling processors to properly categorize whole birds, by weight, and build cases by this categorization. With iCap, processors can also efficiently weigh-price label trays and packaged products.



Contact us for a demo: info@carlisletechnology.com

About Carlisle Technology:

Since 1985, Carlisle Technology has provided integrated information solutions for the food processing industry. Carlisle's reputation is built on providing configurable, off-the-shelf software; tightly integrating it with high-quality hardware components; and standing behind the entire solution with full implementation and on-going support.

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