

SOLUTION

Data Collection and Digitalization

INDUSTRY

Food

SWEET RETURNS OF PRODUCT TRACEABILITY

RFID IS THE MAGIC INGREDIENT FOR CHOCOLATE MANUFACTURER

One of the largest chocolate manufacturers in the world was looking to optimize traceability of its raw materials. The firm uses almonds across multiple brands and was struggling to trace finished products back to their production batch. Manual data capture was leading to errors and delays, as almonds were received, stored, and entered into production.

To enhance efficiency, and ensure safety and compliance, the firm needed a more reliable and verifiable traceability system. We introduced RFID into the mix, uniquely identifying batches and automating data capture, integrating in real time with the client's production system. The company can now trace batches – forward and back – with complete confidence in the integrity of its data.



"Tech-enabled traceability has become an imperative for food and beverage businesses, particularly with the advent of FSMA 204. We help companies meet new requirements with ease, establishing an efficient and trusted traceability system."

JOHN DIPALO
CHIEF STRATEGY OFFICER
ACSIS

CHALLENGES

- Manual, error-prone data capture process, risking productivity, efficiency, safety, and compliance
- Lack of confidence in data integrity, particularly in the area of food safety and compliance
- Changing regulatory requirements demand complete, verifiable batchlevel traceability

BENEFITS

- Complete batch-level production traceability, providing a reliable system of record on product origin
- Easier compliance with changing legal requirements e.g. FSMA 204
- Enhanced decision-making, safety, and compliance based on accurate real-time data

SOLUTION

- Data Collection and Digitalization solution, easily personalized to the client's specific needs
- RFID-enabled identification of individual batches and automated data capture on fixed and handheld readers
- Real-time data integration between RFID readers and the production system
- Granular monitoring of batch status with configurable warnings and alerts

- Increased efficiency and productivity through elimination of manual processes and a reduced training burden