

# Empowering Connected Workforce—

AI-Driven, iOS-Powered  
Solutions for Food Processing

## Upstream

Raw Material Handling



### Challenges:

- Manual inventory checks
- Inaccurate data
- Delayed traceability

## Processing

Production & QC



### Challenges:

- Inconsistent workflows
- Lack of visibility
- Human error

## Downstream

Supply Chain



### Challenges:

- Inefficient tracking
- Error-prone documentation

## Digitally Transforming Every Step:

From Upstream to Downstream, Smarter and Seamless



### Rugged Mobility Meets Real-Time Tracking

The Joy Factory's durable iPad enclosures + QAD Redzone's barcode and material handling tools ensure accurate raw material intake and digital traceability.



### Paperless Workflows with Connected Workforce

Empower operators with The Joy Factory's mounted tablets and QAD Redzone's real-time dashboards for SOPs, quality checks, and team communication.

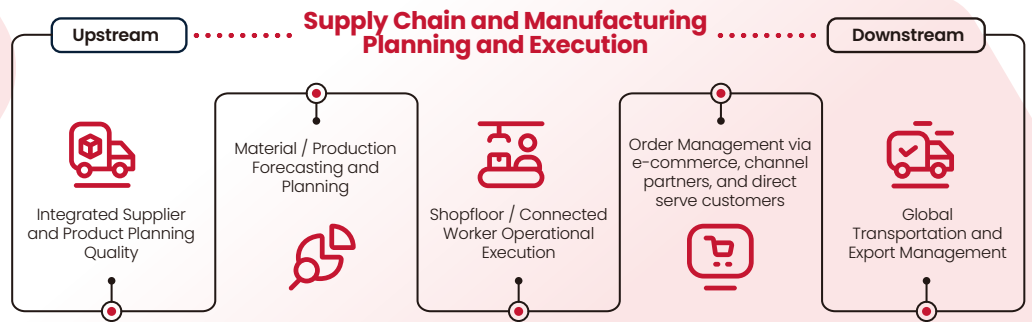


### Smart Logistic with Seamless Communications & Tracking

Streamline outbound operations using QAD's shop floor execution tools, supported by secure mobile access with The Joy Factory's rugged, industrial-grade solutions.

## Why QAD Redzone?

Enjoy sustainable productivity improvements with organic double-digit productivity improvements to increase revenue and margins—without adding people or equipment. Dramatically reduce worker turnover with an engaged workforce, energized to excel, by transforming into a more collaborative, more engaged team. Create a lean manufacturing culture with ongoing continuous improvement driven by shop floor ownership.



### Food and Beverage Overview

Delivering the right product, in the right place, at the right time—with superior quality—is essential for food and beverage manufacturers. To stay competitive

and resilient amid disruption, these companies need agile, sustainable solutions that support evolving supply chains and future-ready operations.

## Revolutionizing Food Processing through Digital Transformation

To cut costs and boost revenue, food manufacturers are adopting rugged digital devices that connect frontline workers with real-time data. These solutions support inventory checks, digital workflows, and instant updates—even in harsh environments—empowered by industrial-grade enclosures. Integrated

with smart software, they streamline operations, enhance quality, and reduce downtime. The result: a more agile, efficient production environment that minimizes waste and drives sustainable growth.



## thejoyfactory

Industrial-grade enclosures and mounts protect tablets from water, dust, and impact—ideal for harsh food processing environments. These solutions enable safe, flexible mobile use, enhancing real-time data access and efficiency on the shop floor. Paired with smart software, they streamline digital workflows, improve safety, and boost productivity—empowering a connected, innovative workforce.

The Joy Factory's Industrial ruggedized cases provide these protection features to overcome challenges in Food Manufacturing environment

<b>IP68</b> WATERPROOF PROTECTION	IP68 Waterproof Certified	<b>MIL STD 810H</b> MILITARY SHOCKPROOF	Military Shockproof	<b>HAZARDOUS LOCATION</b> CERTIFIED TABLET CASES	Certified HazLoc Tablet Cases	<b>IECEX</b> IECEX Zone 1/21	<b>Ex</b> ATEX Zone 1/21
<b>Waterproof</b> Safeguards against spills, splashes, or even immersion in liquids	<b>Drop Proof</b> Protects tablets from drops, bumps, and vibrations	<b>Dustproof</b> Prevents contaminants from entering the device	<b>Vapor-proof</b> Water, steam, and condensation, humid environment will damage electronic devices	<b>Hazardous</b> Contain chemicals that can corrode or damage devices			

