



CLOSED LOOP REJECTION

 **FirstStep.ai**

PRODUCT BROCHURE
v2025.01

Product Overview

Product Summary

Closed-loop Rejection provides real-time product rejection directly from the conveyor belt using AI-powered quality inspection. Integrated with the Full Crate Inspector (FCI), it ensures precise and automated quality control by detecting subpar products and confirming successful rejections.

Benefits

Delivers accurate real-time rejection, enhances quality assurance, ensures automated feedback loops, and reduces manual intervention. Supports seamless integration with existing systems and provides reliable, data-driven quality control for improved efficiency.

Unique Selling Points

1. **AI Integration:** Uses AI-powered inspection for precise rejection of defective products.
2. **Closed-loop Feedback:** Confirms successful rejections with real-time monitoring.
3. **Seamless Compatibility:** Designed as an add-on for the FCI for enhanced functionality.
4. **Reliable Automation:** Ensures consistent quality control with minimal manual input.

Key Features

- Real-time rejection linked to FCI inspection using EDGE computing and SCADA/DCS systems.
- Monitors rejector actions to confirm successful rejection for feedback accuracy.
- Requires direct integration with conveyor systems, ensuring precise operation.
- Installed by system integrators for robust and reliable functionality.



