



EARLY FIRE DETECTION

 **FirstStep.ai**

PRODUCT BROCHURE
v2025.01

Product Overview

Product Summary

Early Fire Detection provides real-time fire monitoring to enhance safety in industrial facilities and forested areas. Using AI-powered analysis and camera infrastructure, the system detects fires early, sends alerts, and provides critical data to first responders, ensuring faster emergency responses and reduced damage.

Benefits

Enables rapid fire detection, enhances safety, reduces response times, and minimises damage. Supports real-time tracking, provides actionable alerts, and integrates seamlessly with existing or new camera systems for flexible deployment.

Unique Selling Points

1. **AI-Powered Detection:** Continuously monitors for fires, detecting smoke or flames in real time.
2. **Instant Alerts:** Sends SMS/email notifications within seconds of fire confirmation.
3. **Versatile Deployment::** Compatible with cloud-based and on-premise systems.
4. **Critical Data Sharing:** Provides fire size, location, wind direction, and more for effective response.

Key Features

- Real-time monitoring with AI-enabled fire and smoke detection.
- Integrates with existing PTZ cameras or includes new camera setups.
- Cloud-based portal for live tracking and response coordination.
- Notifications delivered via SMS and email to first responders.
- 5G and Starlink modem compatible.



Customer Success Story

Client: Bushfire.ai (Western Australia)

Challenge: Frequent errors in human quality inspections leading to inconsistent crate quality and internal disputes over delivery and raw material quality.

Solution: Implemented the FirstStep.ai FCI, ECI and Closed Loop Rejection.

Result: Eliminated the need for human quality inspections, strengthened brand association with quality, resolved internal disputes over delivery and raw material quality, and significantly enhanced operational efficiency.

Quotes from client:

- "Results are incredible"
- "Project payback period is looking like days, not years!"
- "No one has seen rejection done without [physical] sensors or triggers"



