

“AI will be the biggest technological shift we see in our lifetimes” - Sundar Pichai, CEO Google

Our Intelligence Solution

What is Plant Intelligence?

A broad spectrum of practical, common-sense AI solutions that swiftly resolve production issues plaguing industrial engineers for decades.

How do Shift Workers benefit?

Our AI-powered system optimises operations across your production, maintenance, quality, and safety departments, providing critical information both on the factory floor and in the boardroom.

How easy is this to activate on our site?

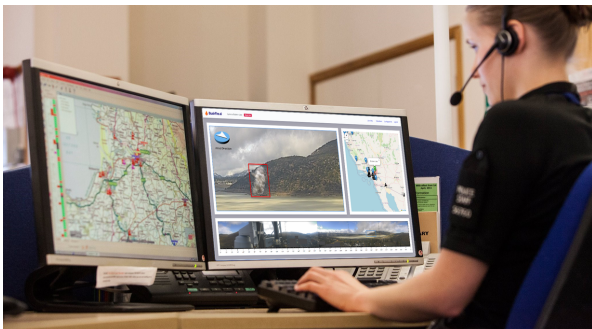
Simply connect all your surveillance cameras to our system to activate intelligent security, intelligent safety, and near-miss and incident prediction.

Provide our system with access to your data historian to unlock real-time maintenance intelligence.

Replace analogue sensors and triggers with overhead cameras to unlock production intelligence in your plant, from conveyors to loading docks.



What our clients say



“No one has previously seen product rejection done without physical sensors or triggers”

“Project payback period is looking like days, not years”



“A quantum leap forward”





Production Intelligence

AI-driven production intelligence enhances quality, control, reporting, and forecasting for optimized operations and informed decision-making.



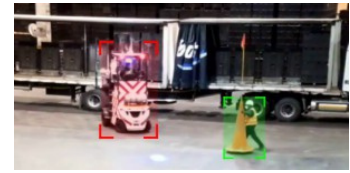
Maintenance Intelligence

Maintenance intelligence optimizes asset performance with modeling, anomaly detection, proactive planning, and resource allocation for efficient maintenance operations.



Quality Intelligence

AI-driven processes, mobile rounds, lab collection, and document digitization empower superior production quality, enhancing accuracy and efficiency with quality intelligence.



Safety Intelligence

Enhancing workplace safety through intelligent measures: man-machine separation, area alerts, fall detection, and incident prediction for proactive risk mitigation.

Starting Your Journey

Safety Intelligence

Begin with the simplest to install. Simply plug a processor into your network, configure your cameras, and install our Logbook application on a network computer. Your intelligent safety measures are now live.

Production Intelligence

A step up in complexity. Set up a frame and camera at your site, connect a processor, and get our Logbook application up and running on a network computer. You're now capturing real-time production data.



Quality Intelligence

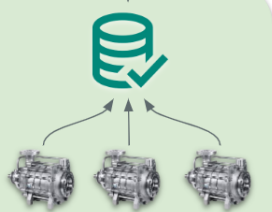
Deploy a Mobile App



Manual Inspection Rounds

Maintenance Intelligence

Plug-and-play



Data Historian

Quality Intelligence

Shift from paper to digital effortlessly. Equip field operators with our AI-enabled mobile app that functions even offline. Once back online, data syncs automatically. A central server is required for the Logbook and Work Instructions.

Maintenance Intelligence

Just as straightforward as Safety Intelligence. Plug a processor into your network, link the software to your existing historian, configure your devices, and install our Logbook application on a network computer.

Simple Camera Integration

Add AI to all your existing CCTV cameras using our advanced platform.

Our plug-and-play solution immediately transforms standard surveillance cameras into intelligent safety-monitoring cameras.



Advanced Behavioural Analytics

Not just detection, but behaviour recognition.

From assessing what a person is doing to estimating vehicle speed, our system offers advanced behaviour analysis. Benefit from near-miss alerts, fall detection, and silent alarms initiated by specific gestures.

Smart Image Archive

Maintain a secure digital archive of all incidents and detections.

Our software generates composite images for each individual, showing their face and what they're carrying in each hand. A smart way to enhance your security archive.



License Plate Recognition

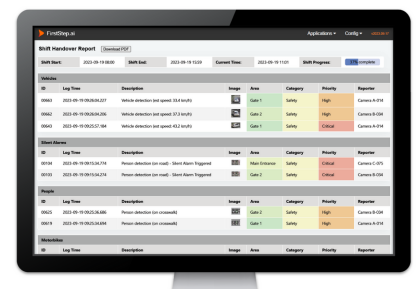
Our system detects vehicles, digitises their licence plates, and seamlessly tracks vehicle entries and exits secure areas.

Our advanced software even captures the faces of drivers, adding an extra layer of security and accountability.

Shift Handover Reports

Real-time alerts and comprehensive reports ensure seamless shift handovers.

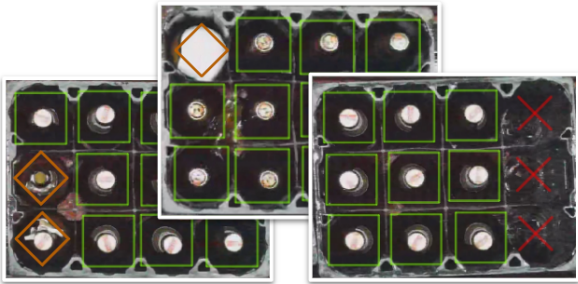
Our central system collates critical events during shifts, providing an invaluable audit log for future analysis, review, and training.



Two-Step Installation

First install the lighting, overhead HD cameras, and high-performance EDGE processing unit above your conveyor.

Then seamlessly configure the EDGE processor to send process data to the central server application on the same network for secure data storage and unparalleled process monitoring.



Track and Identify

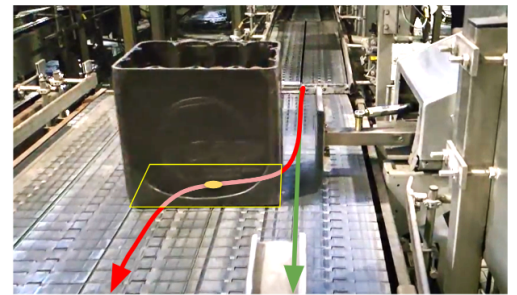
Track products moving along conveyors in real-time.

Our AI system inspects the quality of each individual product, counts items, identifies irregularities, and alerts you if a product is missing or if an anomaly is detected.

Product Rejection (Closed Loop Control)

Integrate our system with any existing rejection mechanism for real-time product rejection, if our visual inspection detects defects.

Monitor the health of your rejection mechanism. With our software we confirm rejection success visually, and raise an alarm if the rejector is performing irregularly.



Traceability

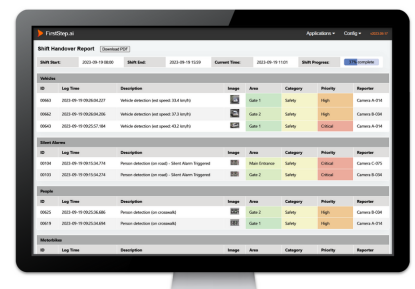
Maintain a digital archive of all products, with and without defects.

Our software generates clean, cropped images of each product that passes underneath on the conveyor. Now you can retrieve a HD photograph of each and every historical product that leaves your plant.

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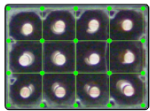
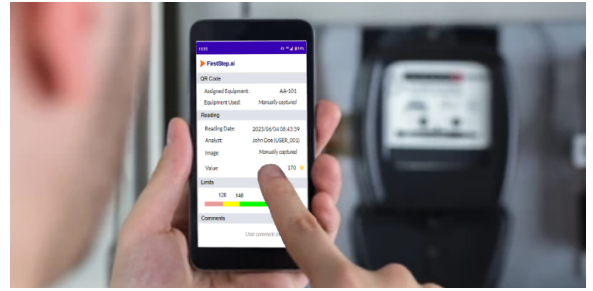
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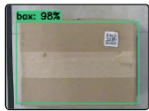
Work Instructions

Send scheduled or ad-hoc instructions to your field operators. Plan, assign, and track inspection rounds while collecting data offline, and then synchronise seamlessly once reconnected.

Available on Windows or Android, including rugged smartphones.



Product identification, tracking and counting



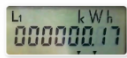
Package tracking and QR and barcode identification



Meters, tags, and license plate detection and OCR



Digital meter reading (Heat)



Digital meter reading (Electric)



Analog meter reading (Heat)



Analog meter reading (Electric)

AI-Assisted Readings

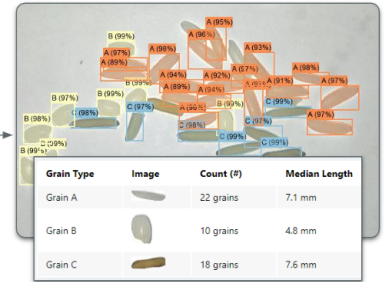
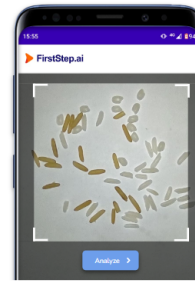
Experience next-level field operations with on-device AI that aids in equipment identification and tag and meter reading digitisation.

Benefit from double-verified readings: (1) the AI captures and digitises the information; then (2) the operator confirms the digitised reading for unparalleled accuracy.

AI-Assisted Quality Inspections

Leverage custom-trained AI models for precise evaluation, counting, and measurement of product samples.

Ideal for diverse applications such as food quality checks and brand identification.



Near Miss / Incident Reporting

Immediately report near-misses, unsafe equipment, hazards, and incidents, from all our mobile applications.

These reports are escalated immediately, and managers need to follow root cause analysis processes to address the concern.

Shift Handover Reports

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