

SOLUTION

Complete Plant Safety and Uptime

One set of licences for every shop-floor camera: productivity, people safety and fire early warning together.

Who it is for

- Moulding, press and fabrication shops
- Process plants
- Warehouses with machinery and forklifts

What you gain

- More output: machine idle and fault time made visible
- Fewer injuries and the stoppages they cause
- Earlier warning of fire
- One platform, one control room, one report set

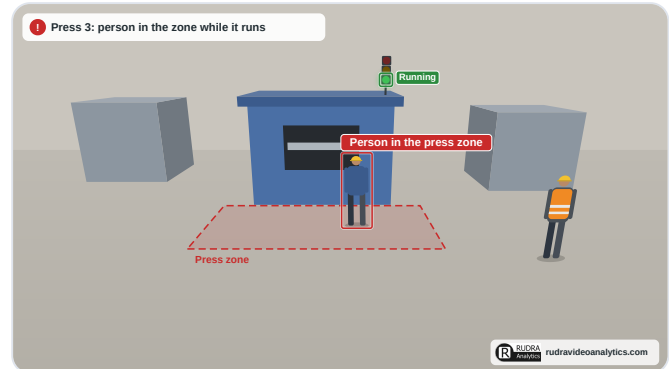


Illustration: what the camera sees and what Rudra marks on it.

WHAT IT DOES

Machine time and alarms

Running, idle and fault time per machine and shift; alerts when a machine stops or alarms.

Danger zones while machines run

Person-entry alerts at presses and machines only while they run.

PPE and falls

Helmet, vest, gloves, boots, masks, ear and eye protection where required; alerts when someone falls.

Fire and smoke

Early visual warning of flames and smoke, checked against look-alikes.

Gauges

Pressure and temperature dials read on camera with alarm ranges.

Control room

An alerts-first video wall and a standard procedure for every alert.

Where the cameras go

Area	What is watched	Licences
Presses, moulding and machine lines	Running, idle and fault time from indicator lamps; alerts when a machine stops or alarms	Core, Machine and Gauge
Machine danger zones	A person in the zone only while the machine runs	Core, Machine and Gauge
Shop floor and process areas	Helmet, vest, gloves, boots, masks, ear and eye protection where required; a person who falls	Core, PPE
Stores, cable runs and electrical rooms	Flames and smoke, checked against look-alikes	Core, Fire and Smoke
Utilities: compressors, boilers, chillers	Pressure and temperature gauges with alarm ranges	Core, Machine and Gauge
Shop-floor cameras with all four licences	Machine time, danger zones, PPE and fire on the same camera	Core, PPE, Fire and Smoke, Machine and Gauge

What you see every day

- Shift report: running, idle and fault time per machine, with the longest stoppages
- Danger-zone entries, PPE lapses and falls by area and shift, each with its snapshot
- Fire and smoke alerts with the snapshot, to the control room and mobile
- Gauge readings with out-of-range alerts, without manual rounds
- A live machine board and an alerts-first video wall, with a standard procedure for every alert

What we need on site

- Indicator lamps visible to a camera, about 10 pixels per lamp or more; gauges framed with their scale
- For PPE, people at least about 120 pixels tall in the picture
- Danger-zone cameras with a clear view of the machine's zone
- Certified fire detectors kept in place: fire detection works alongside, never instead of, them
- A server sized by us for the cameras and analytics chosen, confirmed during the Proof of Concept

Licences · one-time or by subscription

Core licence

PPE Compliance

Fire and Smoke Early Warning

Machine and Gauge Monitoring

All four licences on the same camera; the perimeter and gate can be added with Perimeter Intrusion and Gate and Parking Management, and forklift safety in stores and at the dock with Forklift and Warehouse Safety. Runs on the Client's premises on standard IP cameras (RTSP / ONVIF); alerts reach the web and mobile app, WhatsApp, SMS, e-mail, Telegram or a siren.

Let us survey your site

A Proof of Concept on up to four cameras for 30 days, on your own footage.

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