VIDIZMO.AI

MANUFACTURING AND INDUSTRIAL

Turn What Your Plant Sees, Measures and Knows Into Answers You Can Prove

Plants track losses in the Manufacturing Execution System (MES), the historian and the Computerized Maintenance Management System (CMMS). The reasons sit in camera footage, shift handovers and standard operating procedures (SOPs). VIDIZMO connects both sides using the cameras and systems you already run, all on your own servers.

HOW IT WORKS

Your MES Shows What You Lost. Your Cameras Show Why.

A machine fault, a reject or a stop is recorded as a number. VIDIZMO links that number to the clip from the station, the SOP for the task and the maintenance history, so every event arrives with its evidence and every answer is cited to its source.

MACHINE EVENTS

A Machine Event That Arrives With Its Evidence

A torque fault or an unplanned stop comes in from your historian, Ignition or Message Queuing Telemetry Transport (MQTT) broker. VIDIZMO pulls the nearest clips, describes what the AI sees, attaches the right SOP, and writes a record for maintenance, quality or environment, health and safety (EHS). It is read-only and never touches the controls.

SAFETY

Safety Flags on Cameras You Already Have

AI Live Insight flags missing personal protective equipment (PPE), restricted-zone entry, forklift aisle incursions, and fire or smoke on day one. Facial recognition with watchlists can confirm whether the person in a restricted area is authorized, with a named alert and snapshot. Each flag creates an EHS record with the clip attached and can assign retraining.

QUALITY

A Clip for Every Reject

When a checkweigher, metal detector, labeler or torque tool rejects a part, the clip from the minute before is pulled from that station. The quality management system (QMS) hold, deviation, Eight Disciplines (8D) report or corrective and preventive action (CAPA) starts from evidence instead of interviews a week later.

STANDARD WORK

Standard Work That Holds on Every Shift

Film the best crew's method as short video standard work. A quiz at the critical step certifies each operator in their own language, and completion is tracked by person and shift. Cameras then flag where practice drifts from the standard.

TROUBLESHOOTING

Troubleshooting Answers With Sources

A technician asks why the filler jams after changeover. AI Intelligence Hub answers from your own manuals and SOPs, cites the section, and shows the senior technician's fix on video. Knowledge stays in the plant when people move on.

HANDOVERS

Changeovers and Shift Handovers

Handover notes, tier meetings and radio calls are transcribed and linked to the footage and events from that shift. The next crew sees what happened and why, and the fastest changeover becomes the standard for every shift.

AI Live Insight
Live flags, facial recognition and watchlists, plate reads at gates, camera-offline alerts

AI Intelligence Hub
Cited answers across footage, voice and documents

Redactor
Faces and bystanders removed before a clip goes to HR, insurers or counsel

Nexus
One library, one permission model, one audit trail

INTEGRATIONS

Built On What You Already Run

Any IP camera or video management system (VMS) over Real Time Streaming Protocol (RTSP) or Open Network Video Interface Forum (ONVIF). Read-only machine events from your historian, Ignition or MQTT. Records written to your MES, QMS, EHS and maintenance systems by REST API and webhooks. Training delivered to your learning management system (LMS) through Sharable Content Object Reference Model (SCORM).

Deploy anywhere: On Premises · Air Gapped · Your Own Cloud. Nothing leaves your network.

SECURITY AND PRIVACY

ISO/IEC 27001 certified. Architecture aligned with National Institute of Standards and Technology (NIST) requirements. Plant video, documents and records stay on your own servers, with one permission model and one audit trail.

See it with your own content.
Talk to our team about a working session.

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