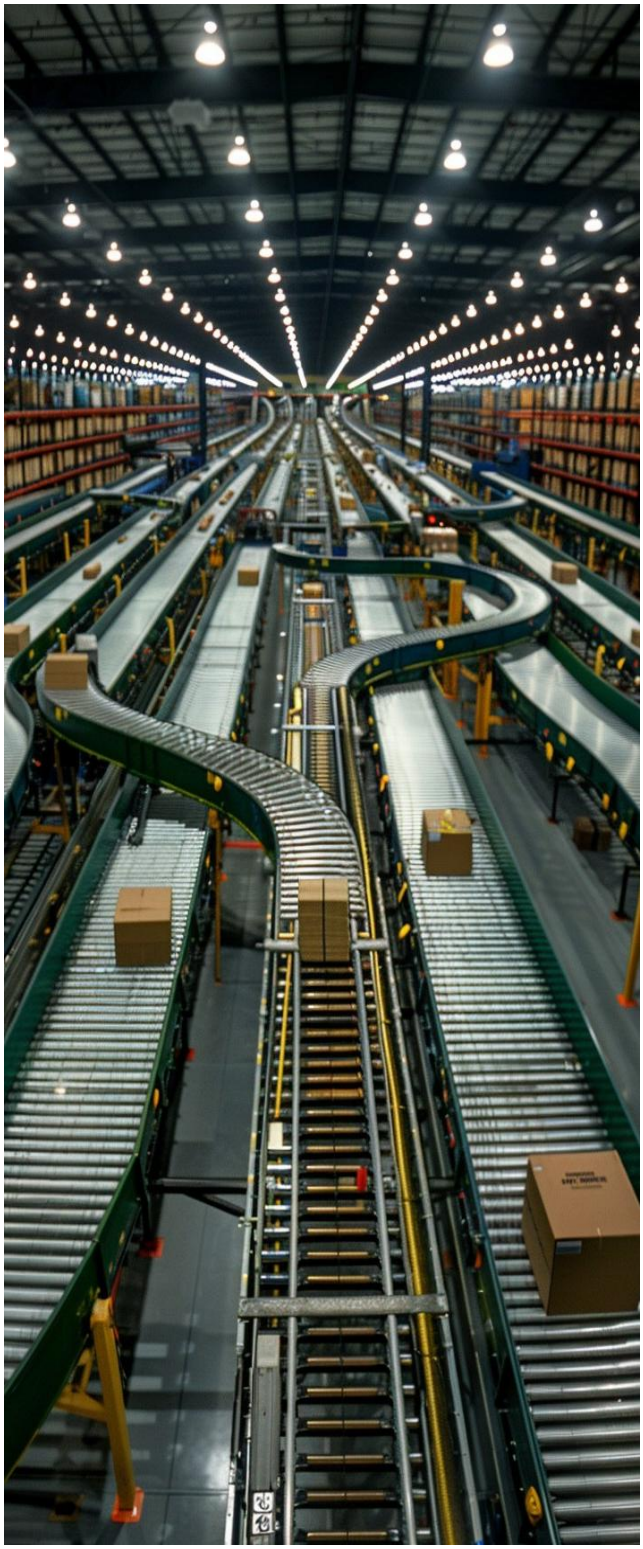
intuVision® VA Manufacturing

Operational Efficiency

intuVision VA Manufacturing extracts actionable data to increase operational efficiency, analyzing video from production floors, workshops and warehouses. By counting objects on production lines, tracking whereabouts of employees during their shifts, even determining bottlenecks – intuVision VA Manufacturing helps optimize efficiency of all work environments.

In today's fast paced manufacturing environments, a stoppage at any point of a workflow can create bottlenecks which significantly impact overall productivity. intuVision VA's real time alerts of line stoppages or employees not being present in their assigned positions allow quick interventions to resolve issues, without relying on employee reporting. Alerts can be sent directly to supervisors and floor managers when an incident or interruption is detected, for immediate action.



Increased Situational Awareness

intuVision VA Manufacturing automates information flow across the factory, improving safety and streamlining operations. With seamless third-party integrations, critical data is delivered exactly where and when it's needed.
From automatically closing walkways when forklifts approach, to providing real-time equipment status, and alerts on machinery stoppage, teams work safer and more efficiently with intuVision VA Manufacturing.

intuVision
intuitive video analytics

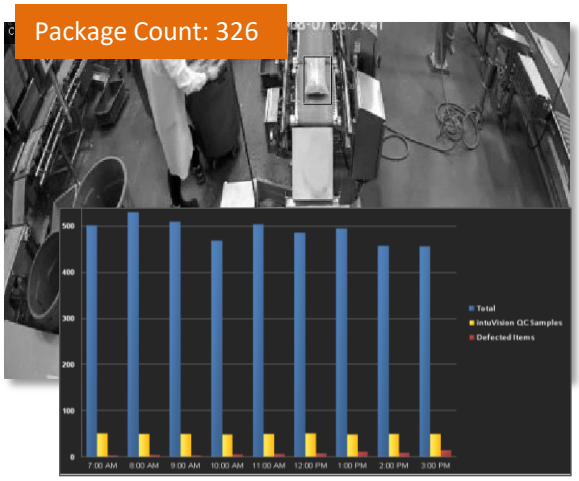
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Item Counts and Quality Control Checks

intuVision VA Manufacturing counts items on production lines along the manufacturing phases to prevent loss and measure output volumes. During counts, a percentage of items can be flagged for random quality checks .

Using scheduled emails, the count reports are delivered to floor managers, or using intuVision VA's data API and event ingestion tools, the item counts can be integrated into site management systems.



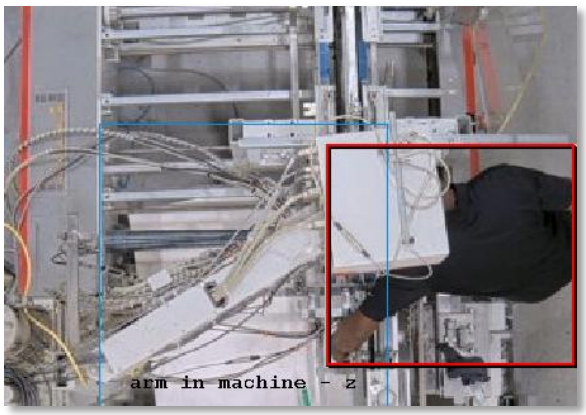
Gain Deeper Insight with Heatmaps

intuVision VA's motion and dwell heatmaps are valuable tools help optimize manufacturing processes. Heatmaps provide at a glance visualization of movement paths as well as areas where employees linger or where carts and other equipment are left idle across the production floor over selected time periods.



Improved Work Safety

Manufacturing floors include risks to employees, increasing the liability for the business. intuVision VA Manufacturing provides several safety/security related analytics to reduce these risks; including ***spill detection***, to quickly be notified of and remove fluid spills to prevent falls and contamination, ***unsafe machine operation***, such as employees getting too close to active machinery, or ***collision detection***, sounding alarms when people and forklifts get dangerously close.



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Event Rule	Description
Activity	Detect people activity or parts activity on manufacturing lines
Coverage	Detect if a person is not at their post, generate alarms
Collision Prevention	Detect when people and machinery are dangerously close
Dwell	Detect when conveyor belts have stopped
Forklift Detection	Detect and track forklifts and other machinery
Left Object	Detect objects left behind in an area
Loitering	Detect when people are standing in place for a set period of time
No Activity	Detect when there is no activity in a region for a set period of time
Object Counting	Count objects on production lines
Object Taken	Detect when a monitored object is removed
Random Selector	Flag customizable percentage of objects for quality control
Smoke/Fire Detection	Visually detect fire and smoke in camera views
Speed Detection	Detect speeding vehicles , machinery, or fast-moving people
Spill Detection	Detect spills on the floor or a selected area
Stopped Object	Detect idle objects, such as stopped, carts, forklifts or production lines
Unsafe Operation	Detect when people get too close to moving machinery

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