

Unlocking safety and efficiency through AI video intelligence



Background

JKK Pack, a trusted labels and flexible packaging partner to top-tier food manufacturers, runs a high-volume, 24/7 facility where complex machinery and a large workforce make safety and efficiency non-negotiable. Yet with an extensive network of cameras tied to a legacy system, incident reviews were slow and manual, undermining safety and uptime. To stay ahead of risks and delays, JKK didn't need more cameras—they needed smarter ones.

Results at a glance



Real-time alerts & response

Unsafe behavior, restricted access, and machine failures are detected instantly.



Streamlined investigations

Case resolution cut from half a day to minutes with powerful search tools.



New operational insights

Custom dashboards reveal uptime, workforce activity, and productivity trend.



ROI in first month

Time savings and operational visibility delivered immediate value.

Challenge

JKK's legacy CCTV/NVR was difficult to use and offered no real intelligence, an especially poor fit for a large, always-on operation. The system didn't detect production-floor accidents or safety violations, so managers often heard about issues after the fact through employee reports. Investigations were slow and manual, with teams scrubbing hours of footage across multiple cameras, limiting visibility when swift action was critical.

As Jose Kuri, CEO of JKK Pack put it: "The old system could only record video, nothing more. When something happened, it was a pain. My team had to sit for hours, moving back and forth through the footage to find the exact moment."

JKK sought to:

- Detect incidents in real time instead of relying on manual reporting
- Accelerate investigations and reduce man-hours spent searching footage
- Improve visibility into safety, security, and operational performance
- Use existing cameras without costly replacement



The Solution

Recognizing the limits of their legacy system, JKK began evaluating modern platforms that could bring the power of AI to all their existing cameras across production areas, offices, and entry points. The team wanted something quick to deploy, intuitive for daily use, and powerful enough to provide both real-time safety monitoring and operational insights.

After reviewing options, JKK selected Lumana for its intuitive interface, best-in-class AI capabilities, and ability to transform existing cameras into proactive tools that improved physical security, employee safety, and operational efficiency.

Working closely with JKK's IT staff, Lumana delivered a seamless rollout that centralized all camera management into a single platform. "Implementation was very easy," recalled Jose. "We already had a network in place, and Lumana worked perfectly with our cameras. Even better, Lumana was able to provide AI features that weren't possible with any other system we evaluated, such as detecting if one of our machines was operating properly."



The Results

With the switch to Lumana, video security went from a reactive system to a proactive solution that could:

Continuously monitor with real-time, AI-driven alerts



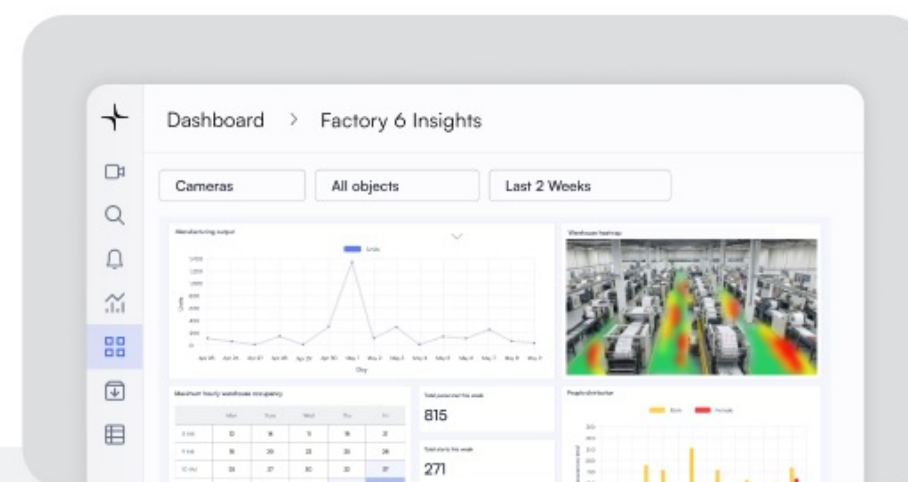
Previously, JKK only became aware of issues when employees reported them. “Before Lumana, if someone was hurt or a machine failed, we only knew after someone came to tell us,” Jose explained. “Now the system alerts us right away if a person is in a restricted area, a worker takes too long on a break, a fire breaks out, or unsafe behavior happens on the floor. Instead of reacting after the fact, we can act immediately to reduce the severity of a potential incident.”



Accelerate incident investigations

JKK now finds answers fast. Lumana’s unmatched natural-language and multi-parameter search pinpoints key moments without manual scrubbing. “Before, we needed to manually search for the moment of an incident. It was very slow and frustrating,” recalled Jose. “With Lumana, we can input or type what we’re looking for, and the system finds it immediately. What used to take hours, we now solve in minutes. Those time savings have already given us positive ROI within the first month alone.”

Deliver powerful operational insights



Beyond security, Lumana gives JKK new visibility into how the plant operates. Customizable dashboards track machine uptime, production efficiency, workforce activity, and movement flows, with intuitive graphs that drill down to the underlying video clips. Leaders can spot weekly and monthly trends to compare shifts, identify bottlenecks, and keep lines moving. “The dashboards are very powerful,” Jose noted. “We can see how machines are performing over time, confirm if someone is at their post, track logistics in shipping zones, and verify on-site personnel against our human resources database. All of this new visibility helps keep the plant safe and improve productivity.”

By modernizing their video security with AI, JKK gained the intelligence, speed, and visibility needed to keep their 24/7 operation safe, efficient, and future-ready.



Looking ahead

With AI now activated across its expansive camera network and all monitoring unified in one platform, JKK sees Lumana as a long-term partner in its vision for AI-enabled operations. Together, new use cases are already being explored—such as monitoring scrap material as it leaves the plant—to ensure tighter controls and accountability.

“Lumana is a great platform,” Jose shared. “Their AI video security system saves us time, improves safety, and creates real value for our business. And every time we need something new, the team works with us to make it possible.”

At JKK, Lumana serves as core operational infrastructure, not a standalone security product. Leadership can view operations more clearly, respond to risks promptly, and continually drive efficiency. By embracing Lumana, JKK is not only protecting people and assets but also setting a new benchmark for how manufacturers worldwide can run smarter, safer, and more efficient operations.



“Lumana has become an essential part of how we run our business. By bringing intelligence to our video systems, we can ensure a safer workplace for our people and a more reliable operation for our customers. It gives us the confidence that our facility is protected and performing at its best, every day.”

- Jose Kuri, CEO, JKK Pack

Discover the power of AI video security

Lumana transforms any IP camera into an intelligent agent that understands, detects, and acts in real time. The platform delivers end-to-end protection by automating monitoring, flagging critical events the moment they happen, and accelerating incident response when every second counts.

For more information, contact sales@lumana.ai