



## Voxel

AI-powered site visibility platform seamlessly integrates with existing camera systems to transform video footage into real-time, actionable insights, enabling businesses to proactively prevent incidents, enhance operational efficiency, and foster a safety-first culture without compromising privacy or compliance

### *the challenge*

Workplaces, especially in industries like logistics, warehousing and manufacturing, face persistent safety challenges, ranging from slips, trips, and falls to severe injuries and fatalities (SIFs).

Traditional safety systems often react only after incidents occur, missing opportunities for prevention. Additionally, the sheer volume of video and operational data from surveillance systems remains untapped, offering a missed opportunity to address safety risks proactively.

Voxel empowers safety leaders to identify potential hazards before incidents happen by leveraging AI-powered analytics within the Voxel Platform. By analyzing video footage from existing camera systems, Voxel detects unsafe behaviors, potential violations, and environmental risks. This innovation enables organizations to address safety proactively and systematically, reducing SIF events and creating safer workplaces.

### *the innovation*

Voxel is a worksite visibility platform powered by AI, transforming traditional safety management. Using advanced computer vision, Voxel's platform integrates seamlessly with existing surveillance systems to ingest video footage. The technology provides actionable insights by flagging potential hazards.

Beyond serving up analytics, Voxel's solution improves safety training, highlights operational inefficiencies, and supports compliance efforts, creating a multi-faceted approach to



workplace safety. Organizations using Voxel have reported not just safer workplaces but also enhanced productivity.

#### *how it was implemented*

Implementation begins with integrating Voxel's platform into an organization's existing camera systems. The AI models are trained to detect risks tailored to the organization's safety requirements, such as slip-and-fall hazards, improper use of equipment, or potential confined space entry risks.

Training sessions are conducted with safety teams to maximize platform effectiveness, and an easy-to-use dashboard provides real-time alerts and historical trend analysis. Feedback loops are created to continually refine AI algorithms, ensuring the system adapts to the evolving workplace dynamics.



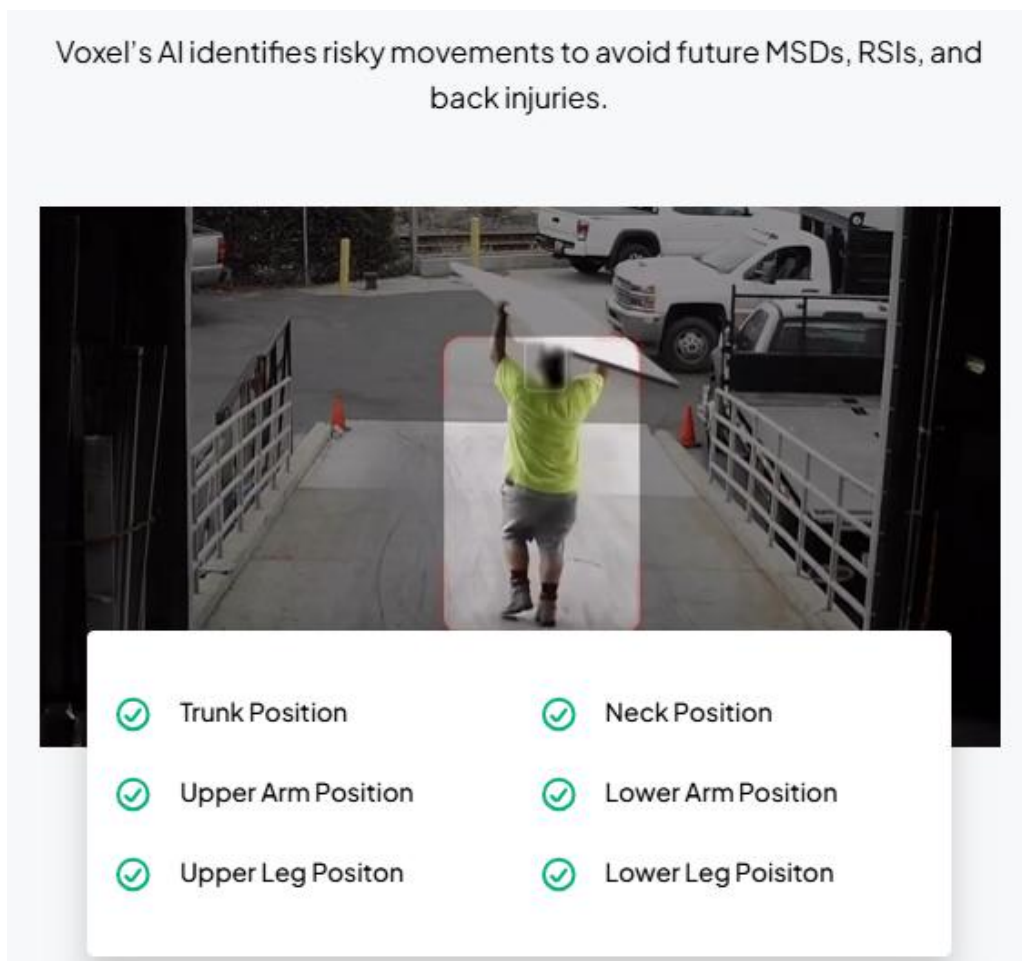
#### *result*

Voxel's clients have achieved remarkable and measurable safety improvements, aligning with our mission to protect the people who power our world. Across industries, Voxel has observed 5.1 billion protected work hours, showcasing the scale of impact our platform delivers.

For example, The Port of Virginia, America's Most Modern Gateway, saw a 50% reduction in truck speeding, a 15% reduction in PPE violations, and an 85% increase in safety team efficiency within just six months of implementing Voxel's platform. These improvements saved their safety managers 125 minutes daily, enabling them to focus on enhancing workplace safety culture rather than spending hours reviewing footage.

Other clients have also reported transformative results:

- 81% reduction in lost time incidents and 18% increase in employee retention at Vertical Cold Storage, showing that safety improvements foster workforce satisfaction.
- 65% reduction in workers' compensation claims and over \$3M in cost savings per site within one year, demonstrating Voxel's ability to deliver both direct and indirect financial benefits.
- Importantly, these results are achieved without compromising productivity, as evidenced by 0% change in productivity at Vertical Cold Storage.
- Voxel doesn't just reduce incidents; it fosters a culture of safety and efficiency, empowering teams to take ownership of their well-being while ensuring businesses maintain operational excellence.

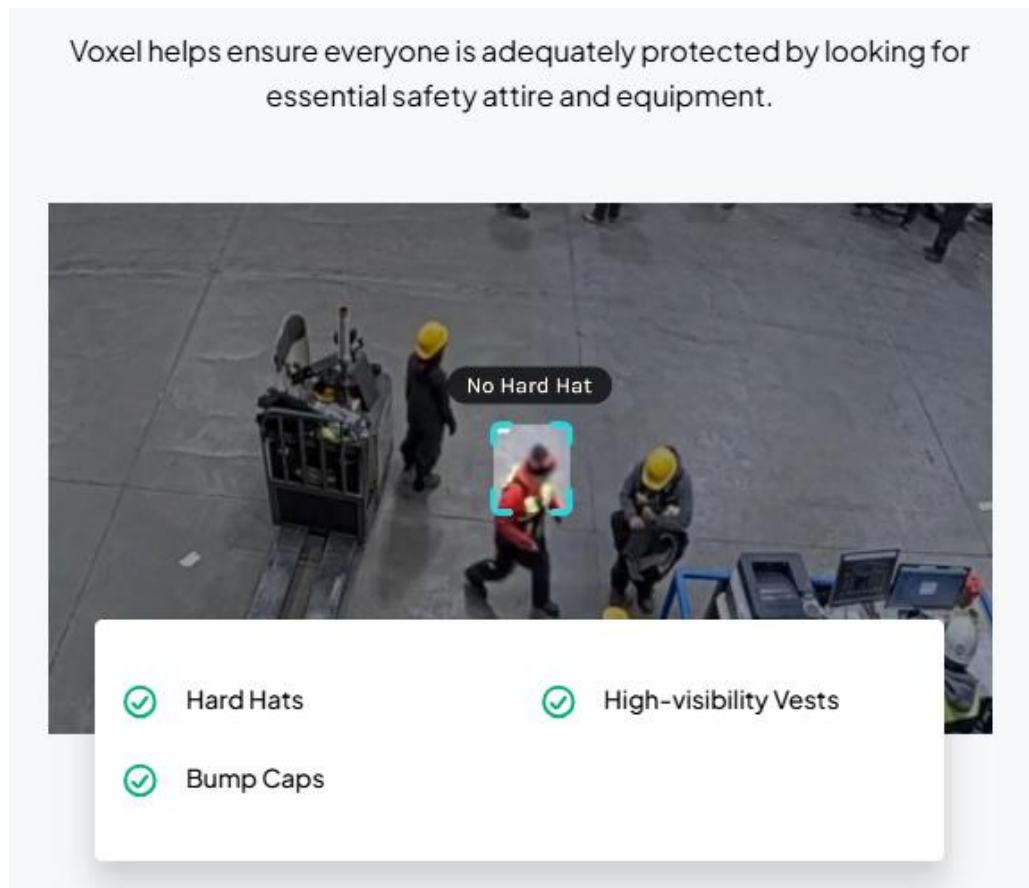


### *conclusion*

Voxel is more than a safety solution—it's a strategic tool for organizational transformation that aligns with our mission to protect the people who power our world. By combining cutting-edge AI with a deep understanding of workplace dynamics, Voxel addresses safety at its core, both improving and saving lives while driving operational excellence.

Voxel empowers safety leaders with a powerful tool to identify risks before incidents happen, fostering proactive safety cultures and positive work environments. Innovation should not just solve today's problems but anticipate tomorrow's challenges.

Voxel is committed to continuous improvement, ensuring our platform evolves alongside the industries it serves. We are proud to share our journey and inspire others to reimagine workplace safety through AI-driven solutions.



Voxel is redefining workplace safety with its AI-powered site visibility platform, enabling businesses to proactively identify and mitigate risks in industrial environments. By seamlessly integrating with existing camera systems, Voxel transforms video footage into real-time, actionable insights—helping organizations prevent incidents before they happen. Built with privacy and security at its core, Voxel enhances workplace safety without compromising employee trust. By reducing risk, enhancing operational efficiency, and fostering a proactive safety culture, Voxel empowers businesses to protect their workforce while maintaining the highest security and compliance standards—driving both safety and productivity forward.

LINK: <http://voxelai.com/>

