kyndryl. | **aws**

Driving connected worker safety in manufacturing operations

Worker safety is paramount in a manufacturing environment. Forklifts remain one of the most dangerous assets on the factory floor, with nearly 35,000 serious or fatal injuries every year in the U.S. alone.[1]

It's no secret that seatbelts improve forklift operator safety — in fact, 70% of forklift injuries are entirely preventable with standard safety measures.[2] But even though businesses require operators to wear seatbelts, it can be hard to track and enforce seatbelt use on the factory floor.

Consistent, proactive worker safety is hindered by:

– Limited visibility into operator behavior and unsafe practices

– Inconsistent enforcement, often dependent on manual supervision

– Complex environments with high forklift–pedestrian interaction and limited line of sight

– Legacy camera systems, which record video but provide no actionable insights

– Operational disruptions when accidents, injuries or equipment damage halt production lines

Wearing a seatbelt should be a no-brainer — and with AI, it can be.

Kyndryl can help. We work side by side with manufacturers to implement proactive, automated safety systems that help prevent injuries and keep workers safe when accidents happen.

Our connected worker safety solution uses edge AI, computer vision and intelligent integration with forklift systems to encourage and reinforce seatbelt usage.

– Enforce seatbelt compliance with AI-powered visual monitoring

– Access real-time alerts and notifications in a modern safety dashboard

– Streamline safety processes with integrated systems and workflows

– Avoid operational disruptions and production line stoppages

– Unlock analytics to continuously support a safer, more resilient manufacturing environment

– Automate documentation for audits, incident reviews and ongoing compliance

– Scale to other safety use cases like PPE, proximity and hazard detection

For more information

Learn more about how we're working with AWS to protect workers on the factory floor. Or visit kyndryl.com

1 Forklift Safety: Hazards & Prevention, OSHA, February 2024

2 5 Most Common Forklift Accidents and How to Prevent Them, OSHA, April 2024