

PPE Adherence



SAFETY AND SECURITY

Warehouse | Distribution | Manufacturing

Objective

Enhance employee safety.

Challenge and Market

Workers suffer from a range of injuries yearly, from mild scrapes to amputations and even fatalities. It is paramount that organizations ensure that personal protection equipment (PPE), such as masks, eye protection, gloves, and hardhats, is being worn. Unfortunately, injuries still occur as a high level of noncompliance with PPE protocols has become an alarming trend that poses a serious threat to worker health and safety.

How It's Done Today

Today, this process is completed by a supervisor or security officer, who performs manual adherence checks to the PPE protocols. Additionally, buddy system protocols are in place for fellow coworkers to help report violations or hold their peers accountable. Although these systems are good, safety and security issues still exist, as it is unrealistic to have a physical resource in place at every station, for every moment of the day. This approach is costly and unnecessary.

How Technology Will Address Challenges

Hitachi Smart Spaces and Lumada Video Insights technology provides video software overlays of video feeds, which allow organizations to observe objects such as masks and gloves, identifying when PPE items are missing. With our single-pane-of-glass customizable dashboard, these PPE analytics can be displayed in a single view, and you can enable real-time alerts and notifications to the proper staff when PPE is not being worn. To further inform your safety and security efforts, combine these technologies with CCTV and/or Hitachi 3D LiDAR Sensor.

Solution

Hitachi Video Analytics, Hitachi Visualization Suite, Hitachi Smart Cameras, Customer Existing Camera Infrastructure, Hitachi 3D LiDAR Sensor

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Smart Spaces and Lumada Video Insights

Benefits



Increase workplace safety compliance.



Increase efficiency by automating PPE detection.



Decrease overall emergencies.



Decrease system downtime due to available operators.



Increase employee safety satisfaction rate.



Increase operational quality.

Learn More →

Smart Spaces are emerging all around us, becoming safer, more sustainable, and improving our experience, while driving efficiency.

