

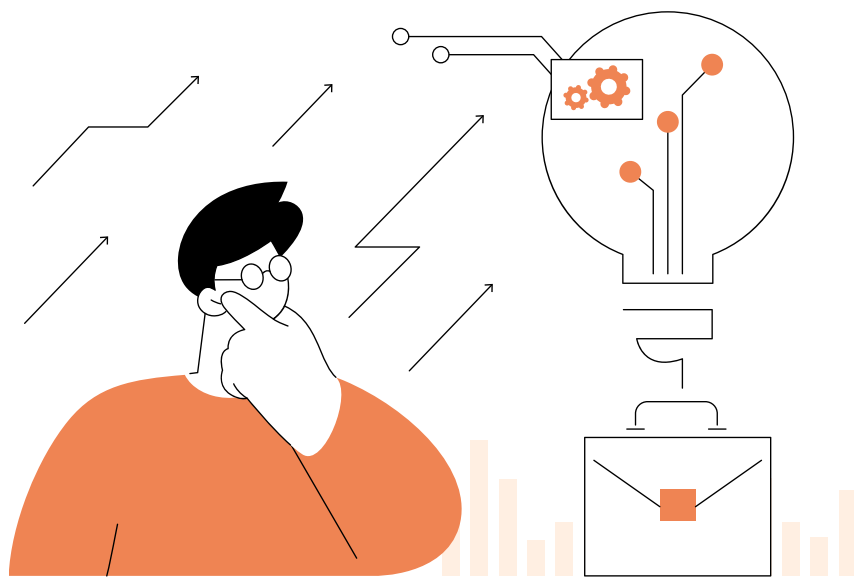
Health & Safety Compliance

Enhancing Safety at a Consumer Health Goods Manufacturer



Client Overview

- Ranks among India's top listed companies, with 76 years in existence since its 1947 inception as a textiles manufacturer.



Problem Statement

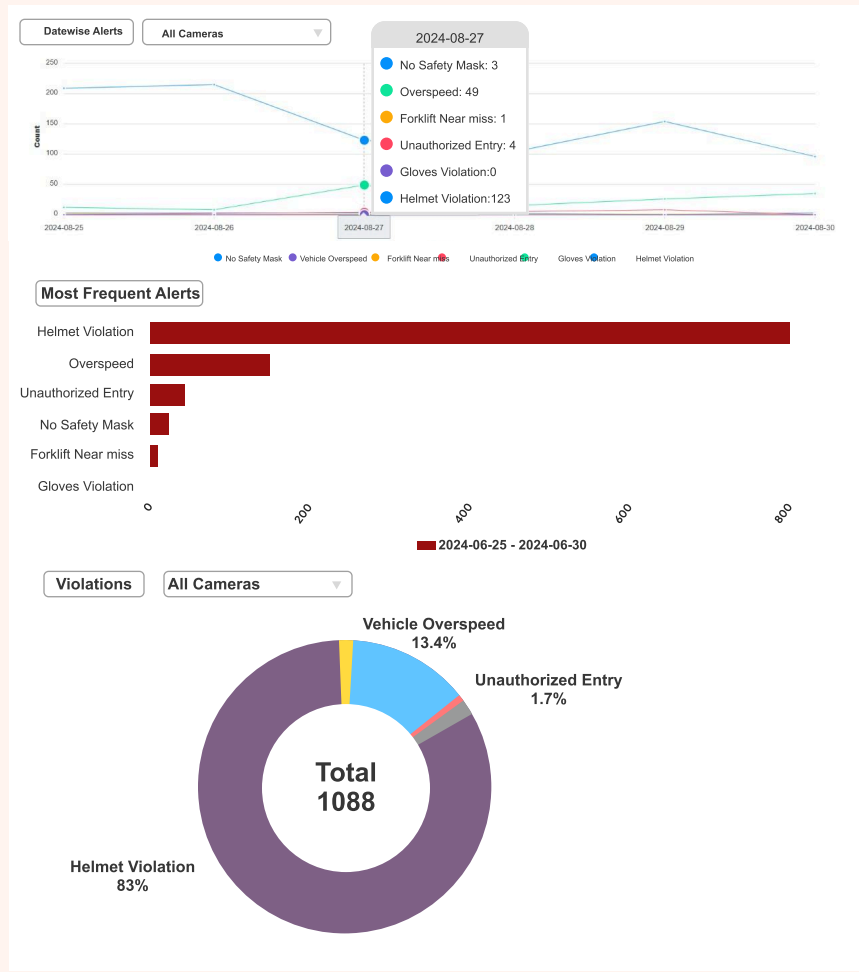
To analyze the effectiveness of computer vision technology in enhancing operational safety, identify areas for improvement, and strategize proactive measures for optimizing safety protocols.

Assert AI's Solution

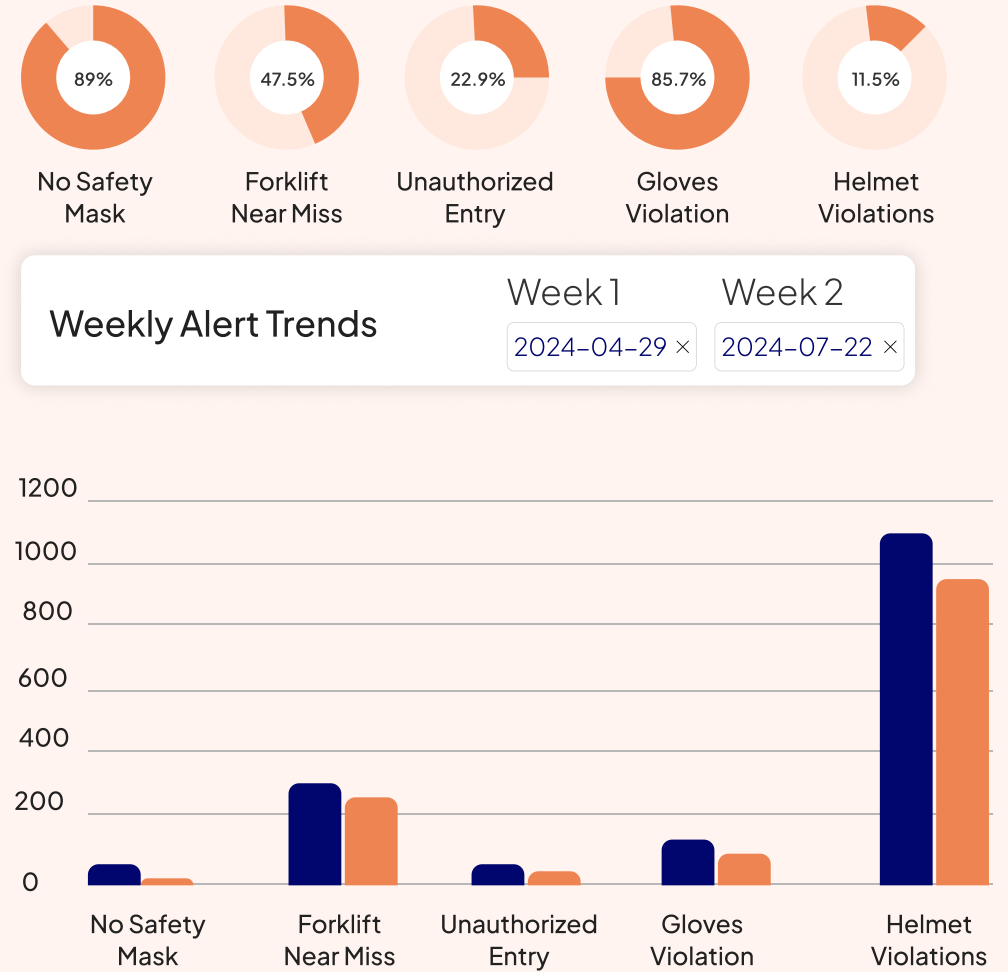
We ensure safety at site detecting threats and enforcing safety protocols. Monitoring site access, enforce regulations, and instantly alert security of any violations, using 76 existing cameras.



Dashboard



Violation Reduction



Use Case Implementation

- No Safety Mask**
Detect & Alert for worker not wearing safety mask to ensure safety compliance
- Vehicle Overspeed**
Detect vehicle Overspeeding in real-time & alert security for further action
- Forklift Near Miss**
Monitor Forklift and detect proximity in realtime
- Unauthorized Entry**
Detect Unauthorized Entry in restricted area, alert security for immediate action
- Gloves & Helmet Violation**
Enforce strict PPE compliance in designated areas & trigger alerts in real-time

Achievements

- Reduction in Safety Violations**
Achieved **89%** reduction in worker safety mask violation and **85.7%** reduction in gloves violations with strict PPE compliance and constant real-time alerts
- Enhanced Security**
Significantly improved security by enabling real-time proximity detection, ensuring strict access control, and monitoring for any security violations