

# Roadmap

## Scenarios Roadmap

### 1. Hazard Warning

- ☒ Smoke and Fire Detection
- ☒ No smoking/no vaping
- ☐ Spills & leaks detection
- ☐ Gask leak detection
- ☒ Missing fire extinguisher
- ☒ Blocked exit monitoring
- ☐ Equipment temperature monitoring
- ☐ Equipment rust and corrosion

### 2. Employee Health & Safety

- ☒ PPE Detection
- ☒ Working at heights
- ☐ Environment monitoring
- ☒ Slip, trip and fall detection
- ☒ Posture & Ergonomics
- ☐ Empty pallets
- ☐ Spills & Leaks detection (Liquids)
- ☐ Hand sanitizer/hand-wash
- ☐ Worker fatigue detection
- ☐ Worker skin tempreature monitoring
- ☒ Confined spaces monitoring

### 3. Company Compliance Policies

- ☒ Max occupancy
- ☒ Restricted areas/times
- ☒ Dwell time
- ☐ Social distancing
- ☐ Station occupancy
- ☒ Occupancy metrics

- ✓ Authorized personnel
- ✓ Tailgating
- ✓ Perimeter control
- ✓ No food or drinks
- ✓ No phone, text, pictures
- ✓ No Smoking zones
- ✓ No children/visitors
- ✓ Waste Management
- ✓ Energy Conservation
- ✓ Restricted Areas

#### 4. Equipment Monitoring

- ✓ Equipment temperature monitoring
- ✓ Equipment rust and corrosion
- ✓ Equipment vibration monitoring
- ✓ Equipment noise monitoring
- ✓ Read analog dials
- ✓ Tools check-in/out
- ✓ Spill & leak

#### 5. Environment Monitoring

- ✓ Temperature monitoring
- ✓ Humidity monitoring
- ✓ Air quality monitoring
- ✓ Noise monitoring
- ✓ Pressure monitoring
- ✓ Water leak detection
- ✓ Volatile organic compounds (VOCs)
- ✓ Carbon monoxide (CO)
- ✓ Ambient light
- ✓ Dust monitoring
- ✓ Water quality monitoring
- ✓ Energy usage monitoring
- ✓ Waste management
- ✓ Water usage monitoring

- ✓ Water level monitoring
- ✓ Radiation monitoring

## 6. Suspicious Activity Detection

- ✓ Loitering
- ✓ Unattended packages
- ✓ Aggressive behavior
- ✓ Vandalism & property destruction
- ✓ Firearms & knives
- ✓ Sexual harassments
- ✓ Solicitation
- ✓ Theft
- ✓ Shipping activity
- ✓ Intrusion detection

## 7. Vehicle Activity Detection

- ✓ Vehicle usage
- ✓ Vehicle policies
- ✓ Forklift zone breach
- ✓ Vehicle license plate
- ✓ Vehicle speed
- ✓ Vehicle cargo

## 8. Privacy

- ✓ Blur faces
- ✓ Blur signs/text
- ✓ Blur screens
- ✓ Blur license plates
- ✓ Obstructed camera view