

# Safety++

## Safe Resumption of Manufacturing and Businesses



### “Opportunities” vs. “Problems”

Worker safety has always been paramount to the industries. Any ‘workplace incident’ has a direct impact on production. A communicable disease spread like Coronavirus (COVID-19) is the worst ‘workplace incident’: Spread of infection is exponential and can cause the whole unit to cease operation and come under compliance issues.

Unfortunately, Coronavirus (COVID-19) is neither the first nor the last infectious disease impacting human operations. During and Post Coronavirus (COVID-19): Business have to restart their operations keeping ‘Safety first and Safety always’ in mind

Additional Safety measures to be monitored for Safe operations during and after Coronavirus (COVID-19)



#### **Social distancing may remain in place until 2022, Harvard researchers say**

Researchers said social distancing may have to be extended unless a vaccine becomes available or “critical care capacity is increased”

### Safety Practice

- Respiratory Hygiene: Wear Masks
- General Hygiene: Wearing gloves, sanitizing hands
- Social distancing
- Detection of early symptoms: Temperature, coughing, sneezing
- Maintaining workplace Hygiene
- Tracking and Tracing

### Business Benefits

- Bring business back to productive levels in a safe manner
- Get an instant assessment of the employee/worker safety in the business premises
- Reduce incidences of accidents and improved productivity
- Reduce supervision and monitoring effort
- Increased compliance with safety regulations

## How do we address this?

**The new workplace norm: Detection of early symptoms, tracking and tracing**

### Body Temperature Measurement:

- Fast, Automated and accurate measurement to avoid congestions
- Contactless measurement to reduce exposure to front line staff
- Continuous monitoring in key areas for faster detection and prevention

### Detection of early health issues:

- Cough and sneeze detection

### Maintenance of workplace hygiene

- Monitoring of sanitation activities like mopping, cleaning etc.

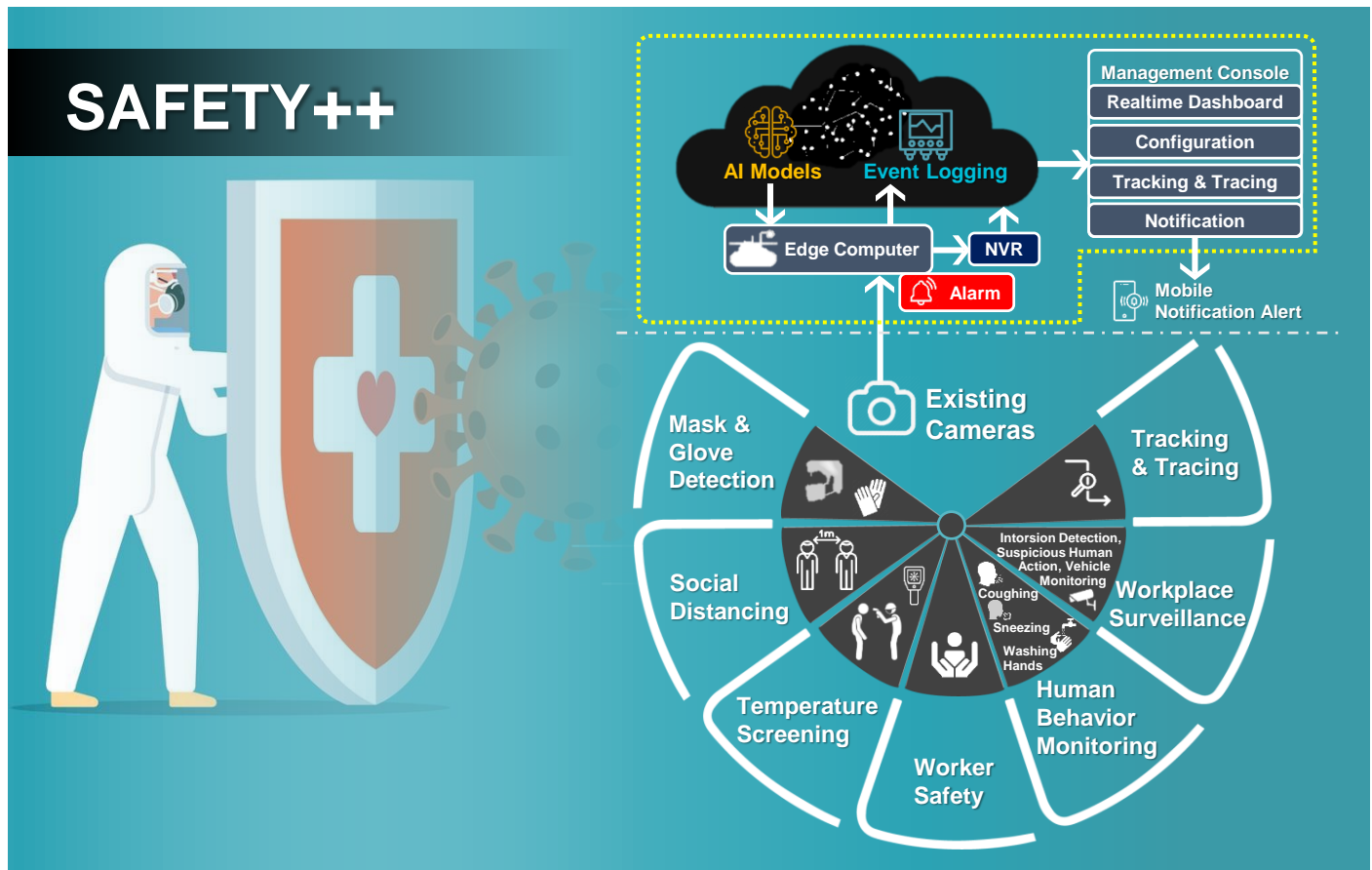
### Tracking and tracing

- Identification of person using face recognition
- Tagging of locations
- Maintaining a log of people across locations & easy retrieval of contact history

## Business pain points

- Difficult to manually monitor numerous people across multiple locations for behaviors like wearing masks, gloves, maintaining social distancing
- Difficulty in monitoring and ensuring hygiene compliances and sanitization activities being performed
- Difficulty in detection of non-compliance and immediate notification
- Difficulty in tracking and tracing of the contacted people and places for effective control

## Why should you engage with us?



# Our Service Offerings

## Safety ++: Key features and specifications

- **Camera Agnostic:** Works with any IP camera with at least 2 MP. Non IP cameras can be integrated as well with the help of minimal additional hardware
- **Plug n Play Solution (Minimal CAPEX Infusion):**
- **On Premise or Cloud deployments**
- **Resolution Independent:** Can also works with low resolutions with any input above 640X480 or higher with minimum of 30X30 pixels for a face
- **Real-time Processing and alerts on dashboards**
- **Supports hardware integration with Siren or Lights**
- **Live dashboard for security with optional support for storage on cloud**
- **Supports alerts on messaging applications**

## Use Cases and Capabilities

### Leverage Safety++ platform for additional use cases:

- Regular worker safety monitoring like: wearing of vests and helmets etc.
- Vehicle number plate detection
- Perimeter protection / Wall Scaling detection
- Virtual fencing / Intrusion Detection
- Suspicious human action alert
- Vehicles in no parking / No entry zone
- Security automation in restricted zones e.g.: Basement, Electrical room, Swimming pool, Gas pipelines, Play area etc.

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