

# ARINAlert™ Forklift Collision Avoidance System

## Alert forklift operators to presence of other forklifts or workers

### Key Benefits

- Improve safety and meet duty of care to employee
- Reduce maintenance costs from collisions
- Improve productivity by allowing pedestrians to concentrate on their tasks (and not forklift activities).

### How it works

- Attach a monitoring unit with audio and visual alerts to forklifts
- Pedestrians have a wearable personal protective device (PPD)
- Forklift units detect pedestrians and other forklifts and warn operator based on distance from forklift
- Alerts can be customized based on where the forklift is operating.

### Differentiators

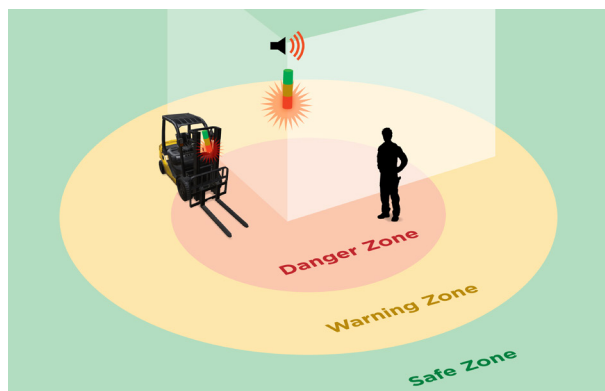
- Patented technology and product
- Maximum 0.3 second response time
- Precision in distance measurement: 2 inches



Customizable Detection Zones: user adjustable ranges for Warning and Danger Zones



Forklift and pedestrian devices: high-level audible and/or visual alerts for direct collisions



Area monitor: alerts for oncoming machine traffic at blind corners and intersections

# Data Collection and analytics for continuous safety and process improvement



## Key Benefits

- Identify reasons for various types of incidents
- Generate automatic near miss reports
- Identify forklift operators and workers who may benefit from training and reduce turnover
- Determine congestion zones and high-traffic areas
- Track forklift utilization, etc.



*Optional plug-and-play data hub.*

## How it works

- Attach a monitoring unit to each forklift
- Workers have wearable PPD - these can be provided on an ad-hoc basis or assigned to workers
- Install Data Collection hubs at locations of interest
- Data is automatically offloaded from the forklift monitoring unit and pedestrian wearables by the data hub. This data is then uploaded to a secure cloud server for dashboarding and analytics.

## Differentiators

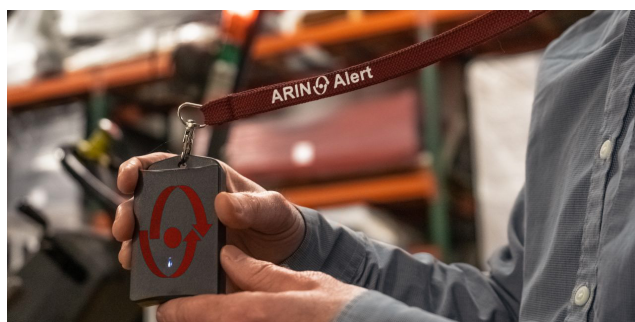
- The only real time data collection and analytics capability in the market
- Plug-and-play installation
- Scalable implementation

## Equipment required

- Installed Forklift Monitoring Unit and/or pedestrian wearables
- Data Collection hubs at appropriate locations

## Installation process

- Attach the monitoring unit to the center of the forklift with zip ties.
- Train pedestrian workers on use of pedestrian PPD wearable
- Install data hubs at appropriate locations where data will be collected
- Set up dashboard for data display and regular updates



*Personal Protective Device (PPD)*



*Optional charging station*

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## SIERA.AI PRODUCTS

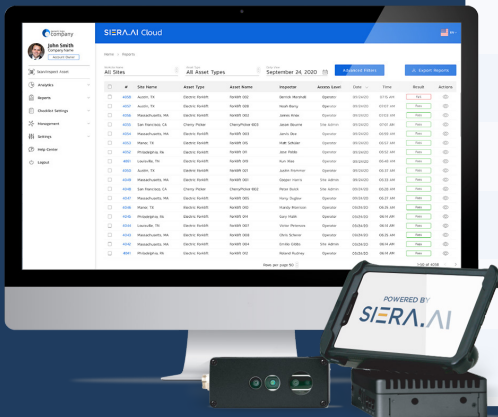
# S2

**Digital Checklist & Impact Monitoring Solution**

# S3

**All-in-One Digital Checklist & Pedestrian Detection System**

## S2 & S3 FEATURE COMPARISON



### Capabilities

Digital Operator Checklist	✓	✓
Cellular Connectivity	✓	✓
WiFi Connectivity	✓	✓
Impact Monitoring	✓	✓
Automatic Reporting	✓	✓
Visual Impact Logs	✓	✓
Dashboard Access	✓	✓
Pedestrian Detection		✓
Obstacle Detection		✓
Near Miss Tracking		✓
Proximity Alarms		✓

### SIERA.AI S2

### SIERA.AI S3

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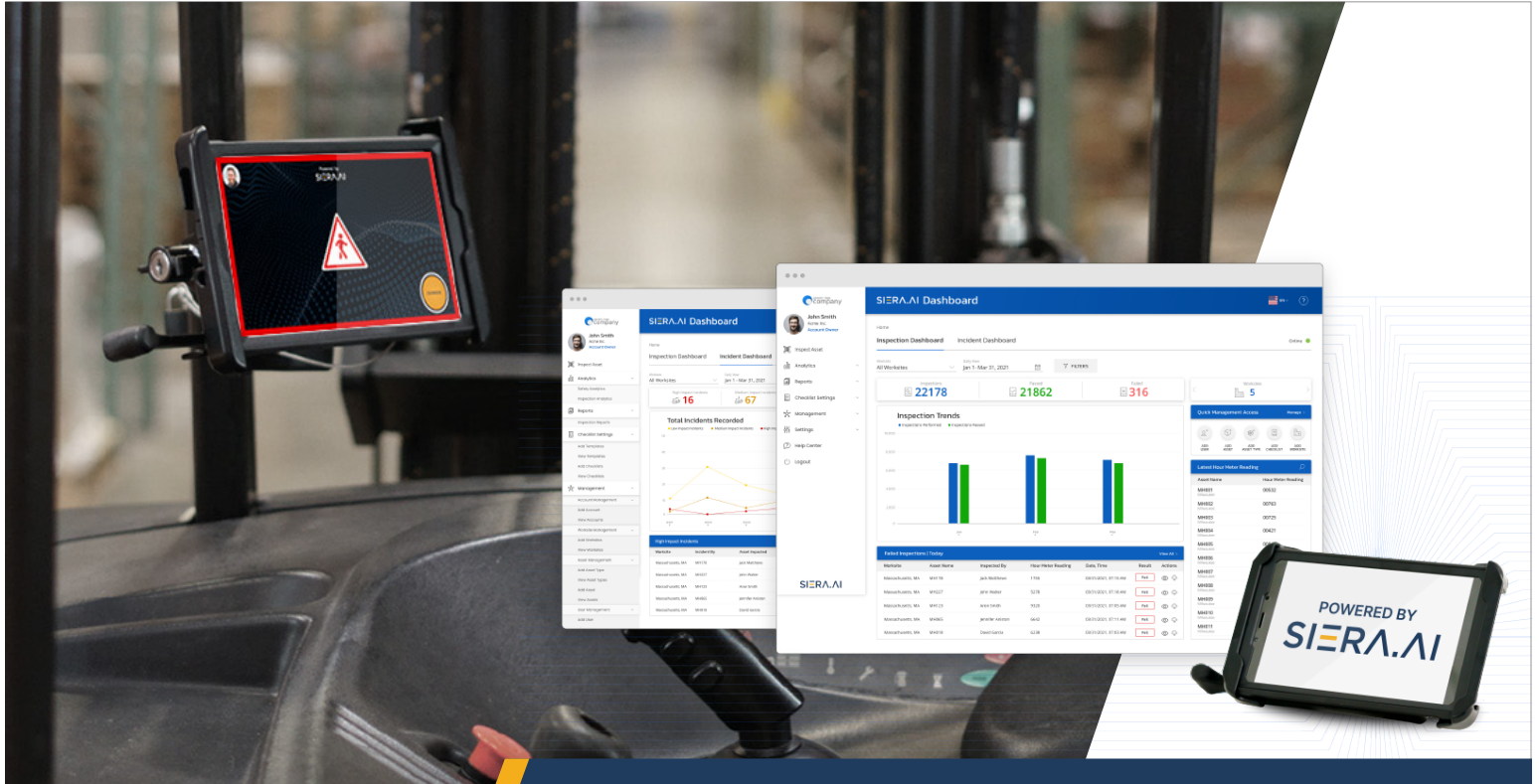
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# SIERA.AI Makes Your Forklift Operations Safe

11,000+ Incidents Prevented in 2020



“SIERA.AI has given us the control we need to ensure our lift trucks are OSHA compliant and running efficiently. The simple scan – answer format makes it fast and easy for the workers to use and report issues with pictures to pinpoint problem areas.

**J Davis** EHS Leader, Owens Corning

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