Soft Designers



# Digital Transformation Provider

www.softdesigners.co.in

# About Us




At **Soft Designers**, we are passionate about converting innovative ideas into exceptional software solutions. Established in ***2014***, we have been at the forefront of delivering cutting-edge software design services to a diverse range of clients across industries.

We offer end-to-end Turn Key solutions in Environmental, Health & Safety (EHS) Solutions, risk management software, OHS Management Software, IoT, Artificial Intelligence (AI), Industry 4.0, and Lean Manufacturing services, serving as the foremost providers in both India and the US.

## OUR MISSION

We create safe and productive workplaces where people can thrive, smile, and be successful

Our end-to-end Turn Key solutions empower manufacturing companies, facilitating real-time improvements in their productivity.



CIO Review 20 MOST PROMISING MANUFACTURING Technology Solution Providers 2018 INDIA

"Top 20 Most Promising Manufacturing Technology Solution Providers 2018" by CIO Review Magazine

## Our Clients:

SLZ TECH Automation India pvt.Ltd.
Schneider Electric
FINE automation
ABB
GRUNDFOS
इसरो ISRO
Collins Aerospace
LUMINOUS
IFB Automotive Private Limited
SINTEX BAPL
GABRIEL Gabriel India Limited
TRACKTRACEIT
TATA STEEL
DRDO
BÜHLER
Continental
Harita Fehrer
AES
PM Technologies
Steel Strips Wheels Limited
PRIYA CEMENT Lives Forever
DYNAMATIC TECHNOLOGIES

## Product Portfolio

# *Driving Digital Transformation*

Soft Designers specializes in providing comprehensive solutions that address the evolving needs of businesses in the digital era.

### EHS

Prioritize the well-being of your workforce and environment with our EHS solutions. Ensure compliance, Maintain Audits, streamline safety protocols, and mitigate risks effectively, fostering a secure and sustainable workplace.

### Industry 4.0

Embrace the future of manufacturing with our Industry 4.0 solutions. Connect, analyze, and optimize your production processes through the seamless integration of smart technologies, ensuring increased efficiency and reduced downtime.

### AI

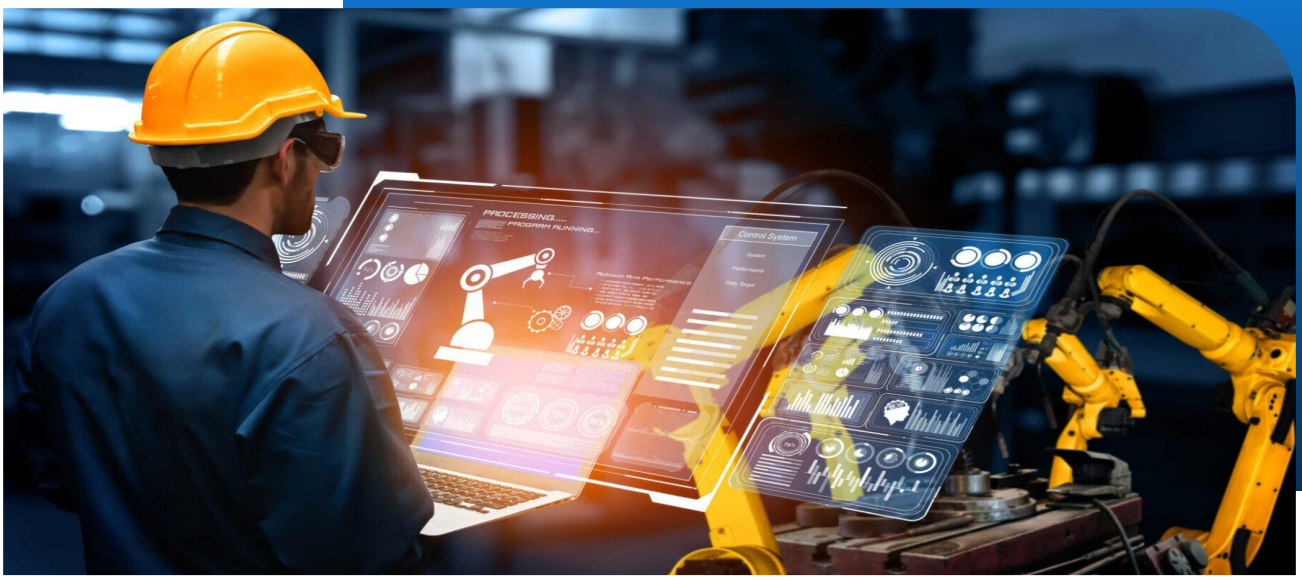
AI monitors the workplace constantly for hazards, such as slip and fall risks, unsafe machinery operation, fire hazards, and behavior-based activity. In order to minimize accidents, the software can identify and alert employees and supervisors about these risks instantly.



## Testimonial 01:

### Grundfos

The Service rendered by Soft Designers was great. Their acceptance to customizations is notable. The team is readily available to address our issues or clarifications.



## AR

By leveraging AR, we enhance the Andon system with real-time visual cues and information overlays. AR-enabled Andon systems accelerate response times by delivering critical data directly to the workforce, fostering efficiency and minimizing downtime.

## IoT

Connect and control your devices like never before. Our IoT solutions enable you to gather, analyze, and act on real-time data, creating a smarter, more interconnected ecosystem for enhanced operational efficiency.

## Emergency Response

Prepare for the unexpected with our Emergency Response Planning solutions. From real-time incident monitoring to swift response coordination, we empower businesses to effectively manage crises and safeguard their assets.

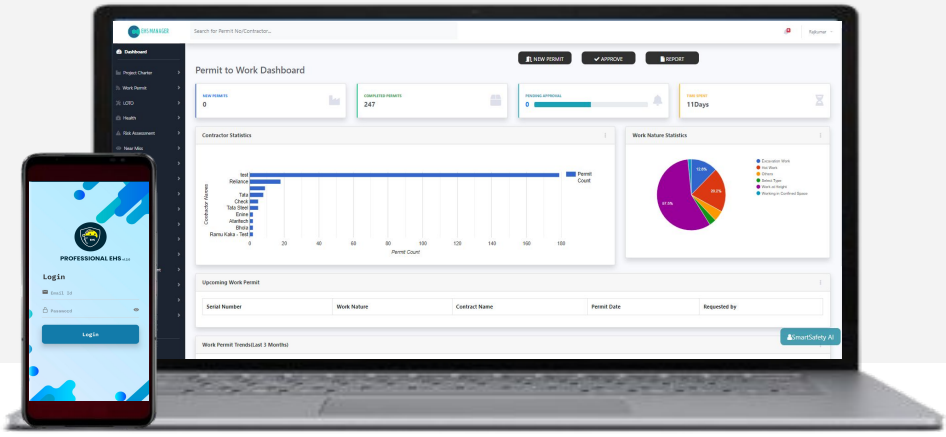


## Testimonial 02:

### Buhler

Overall is good and technology wise is also good , service is good.

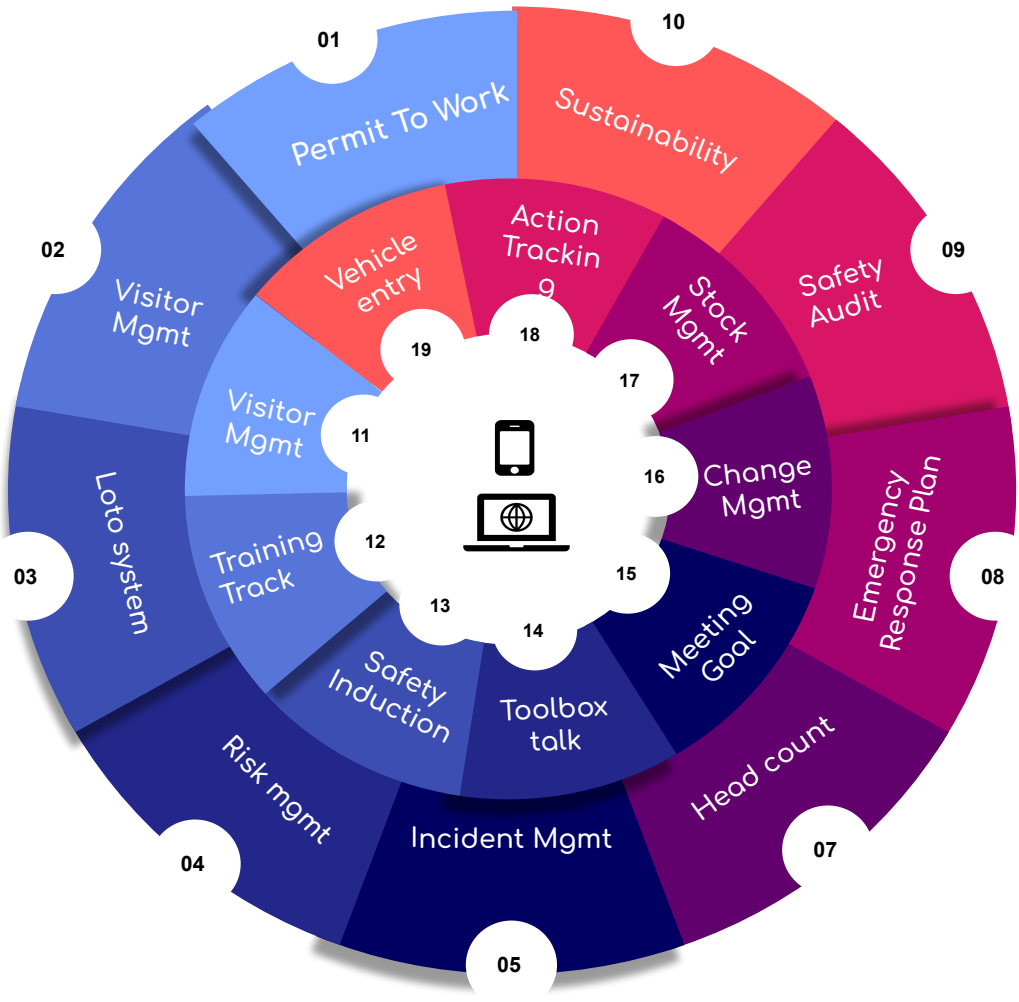
# Unified connectivity




- Webportal
- Mobile App

## EHS Modules:

We provide comprehensive Environmental, Health, and Safety solutions, ensuring regulatory compliance and fostering a secure workplace environment through streamlined processes and real-time monitoring



# Deployment Options

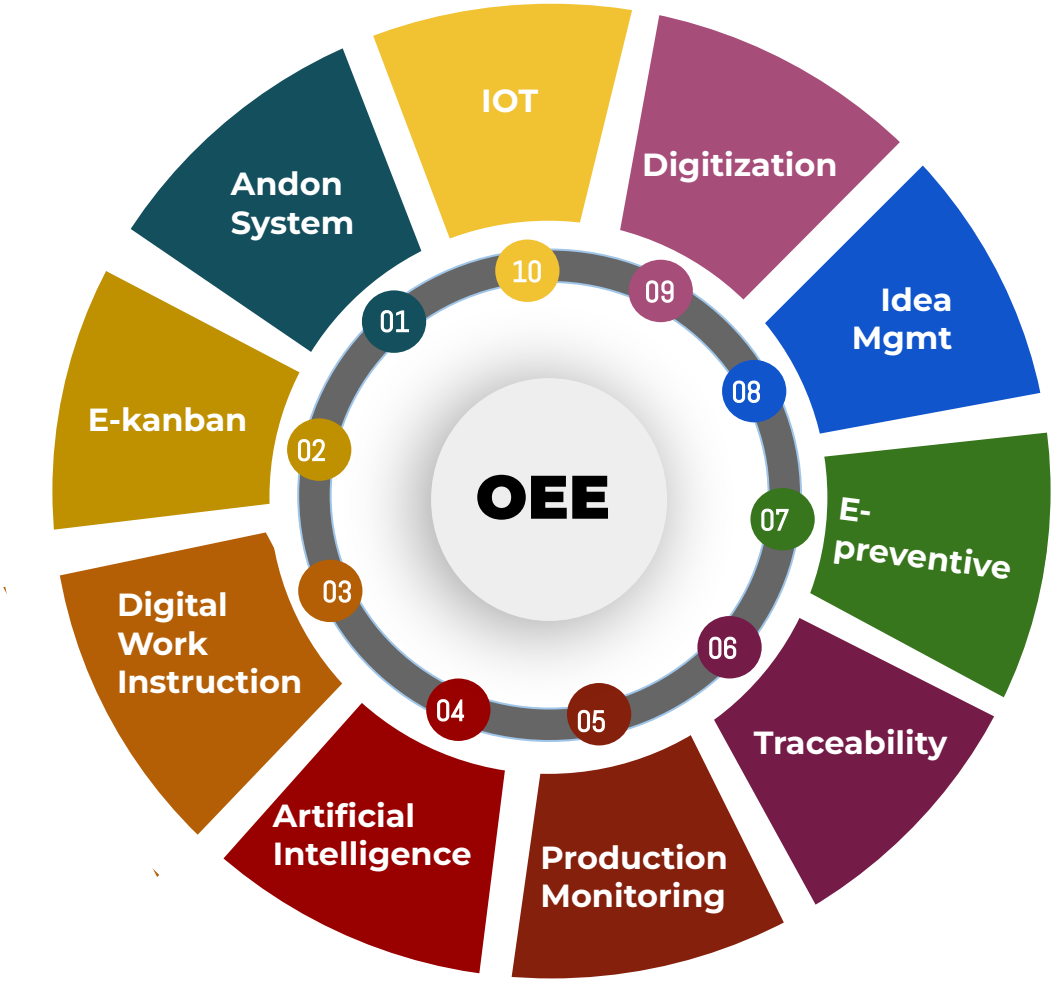
Soft Designers delivers versatile software solutions, available both on-premise and in the cloud, providing flexibility to meet the unique infrastructure needs of every client.

**On-premise**

**Cloud**

## Industry 4.0

Soft Designers pioneers Industry 4.0 solutions, seamlessly integrating smart technologies to optimize production processes, enhance efficiency, and propel businesses into the future of manufacturing. Experience a transformative journey with our cutting-edge Industry 4.0 offerings.



# Artificial Intelligence (AI)





# Genius Minds. ai

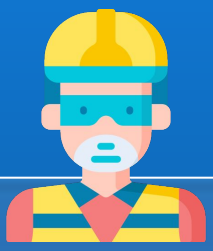
**AI at Work:** *Transforming Tomorrow's Workplace*

> Empowering Productivity, Enhancing Decision-Making, and Shaping the Future of Work

Modern *Artificial Intelligence* technologies, including machine learning and predictive analytics, are used by **Soft Designers** to streamline processes, automate work, and improve decision-making so that companies remain at the forefront of workplace innovation.

## Real-time Dashboard





## Ai PPE detection:

Our camera can identify and recognize various types of personal protective equipment (PPE) worn by individuals, including helmets, safety goggles, vests, gloves, masks, and boots.



## Ai risk advisor:

Our AI system analyzes various factors such as nature of the work, risk involved and suggests safety precautions to perform a thorough risk assessment



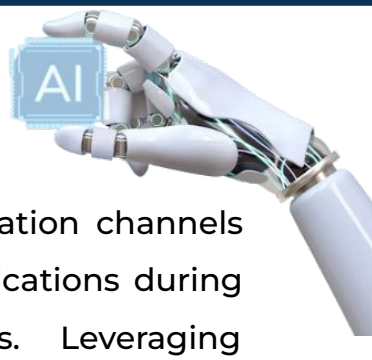
## Forklift Pedestrian Safety

Forklift pedestrian detection utilizes AI technology to monitor forklift operation zones, swiftly identifying the presence of pedestrians within close proximity to prevent collisions, enhancing workplace safety.

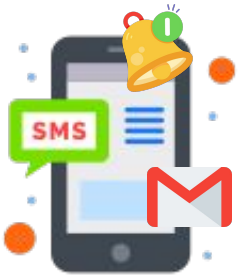


## Document Recognition:

Streamline document processing with our form recognizer, harnessing AI to extract valuable information from various forms such as purchase/sales order, invoices and other documents.




## Quick Alert/ Notification




It provides immediate communication channels to relay urgent messages or notifications during emergencies or critical events. Leveraging advanced technology, such as AI and real-time monitoring, these systems ensure rapid dissemination of information to relevant stakeholders via multiple platforms like mobile apps, emails, and text messages.

# Road Safety Detection

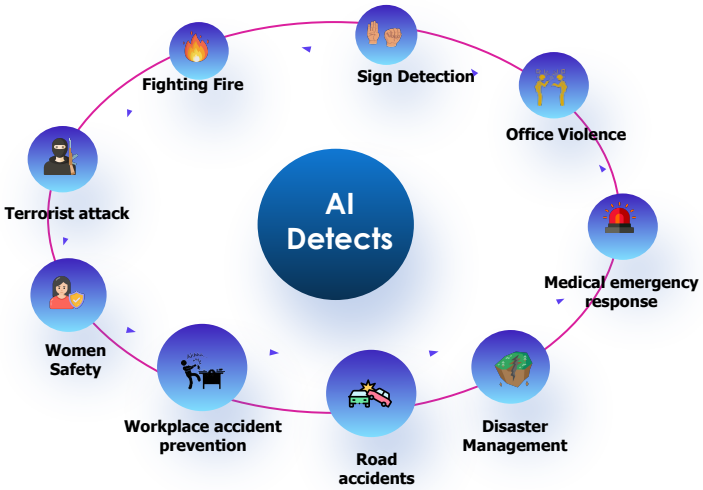


Our systems utilize advanced technologies such as AI and computer vision to enhance traffic safety by detecting various infractions and hazards on roadways. Our System detects features like **helmet detection** to ensure motorcyclists' compliance with safety regulations, **speed detection** to monitor vehicle speeds and enforce speed limits, **wrong lane detection** to identify vehicles traveling in the wrong direction, **signal break detection** to detect violations of traffic signals, and **no U-turn detection** to prevent unsafe maneuvers. Additionally, pedestrian detection capabilities help improve pedestrian safety by alerting drivers to the presence of pedestrians near roadways. By utilizing a combination of cameras, sensors, and AI algorithms prevent accidents, reducing traffic violations, and promoting safer road environments for all users.

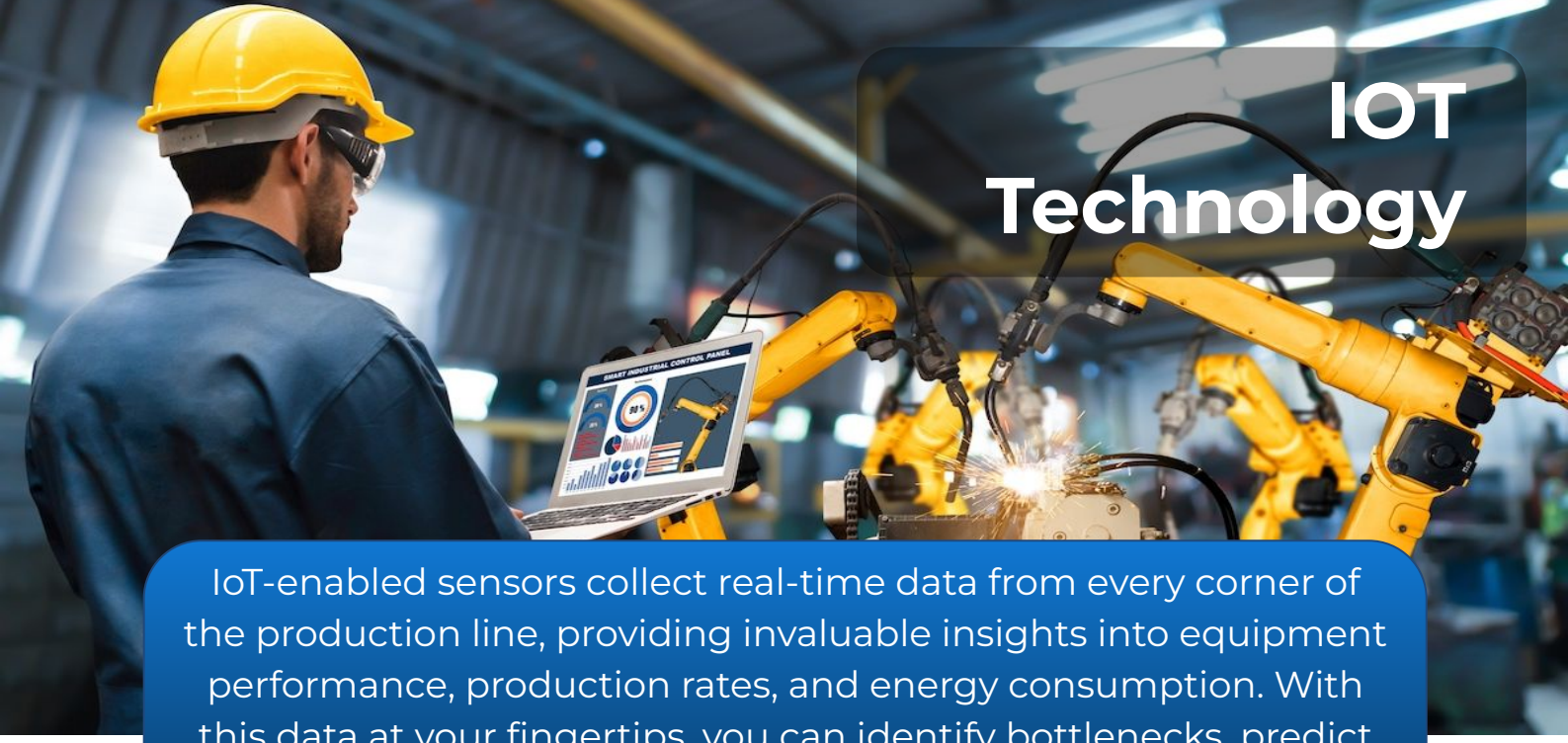


# Suraksha 360

Suraksha 365 software offers advanced safety solutions encompassing a wide array of scenarios, from fire suppression to medical emergencies and counterterrorism measures. Leveraging cutting-edge technology such as AI and real-time monitoring, it enables proactive intervention and rapid response to threats. With features including workplace accident prevention, disaster management, and road accident mitigation, Suraksha 365 provides comprehensive protection for organizations and individuals alike. Its comprehensive approach ensures enhanced safety protocols and peace of mind in any situation.





# IOT Technology

IoT-enabled sensors collect real-time data from every corner of the production line, providing invaluable insights into equipment performance, production rates, and energy consumption. With this data at your fingertips, you can identify bottlenecks, predict maintenance issues before they occur, and fine-tune processes for maximum efficiency.

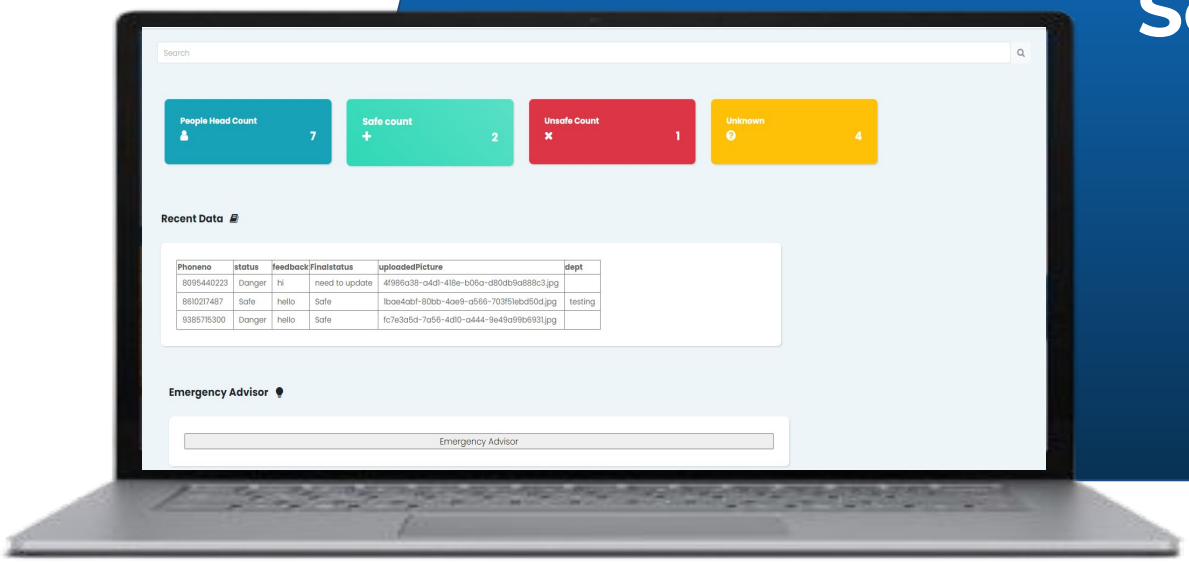
## AR-enabled Andon System




Experience a new era of production efficiency with our cutting-edge AR-powered Andon Software. Seamlessly integrating Augmented Reality technology into your manufacturing processes, our software revolutionizes how you monitor and manage production lines.

Our AR-Integrated Andon System syncs seamlessly with existing Andon systems and MES, providing real-time updates and alerts. This ensures that your team is always informed and ready to respond to any issues promptly.

# Emergency Preparedness Software




## Features

### Headcount Management:

Keep track of every individual during evacuations with ease. Our software offers real-time headcount updates, ensuring that everyone is accounted for and safe.

### Immediate Alert

A key feature of our software is real-time notifications and alerts. In the event of an emergency, you can instantly communicate with your employees, providing clear instructions and safety updates.

### Safe/Unsafe Monitoring:

Continuously monitor your facility's conditions in real time. Our software identifies safe and unsafe areas, providing crucial data-driven insights to assist in decision-making during emergencies.

### Evacuation route maps:

Easily create and distribute customized evacuation route maps. These maps include designated assembly areas, safety checkpoints, and other important information specific to your facility.

# Our partners

Our partnership with Intel enables us to harness the power of advanced computing and IoT technologies to create intelligent safety solutions

We teamed up with Microsoft to make use of Azure cloud platform and Microsoft's extensive software ecosystem.



# Why choose us

01 Our cutting-edge solutions in EHS, Industry 4.0, AI, IOT, and AR.

02 Proven track record of successful projects and satisfied clients.

03 Customized solutions to meet the unique needs and challenges of each client.

04 Responsive customer support for ongoing assistance

05 We provide Turn-key solutions

06 AR/AI powered advanced solution

07 Instant alert through Email/SMS for emergency situation

08 We offer on-premise and cloud based solution



Our software has been installed in **7 plants** owned by Luminous. Each plant has **200+ employees.**

## Our Success Story

**Client Company:** Luminous Power **Technologies**
**Industry:** Manufacturing electronic components

**Challenges:**

- **Time consuming:** The supervisor were taking more than 2-3 hours for the permit approval
- **Paper based system:** Difficult to handle the hard copies due to human error.
- **Lack of employee engagement:** Employee engagement was low due to long process of idea approval. The approval process was taking more than 15 days

## Our Approach

**Permit To Work**

**Change Management**

**Solutions:**

- Dash boards for easy access
- Real-time safety alerts in MES/ERP Systems
- Automatic Email/SMS for critical remainders
- Safety work permit with a checklist ✓ Safety work pass for easy entry into the factory or work location

**Result: 60 to 70% safety compliance improved in a year**



## Reach Us:


+91-9663588196
+91-7406578806

enquiry@softdesigners.co.in

No.234/146, Thalaghattapura,
Kanakapura main road,
Uttarahalli Hobli, Bangalore
South, Bangalore, Karnataka,
India-560109