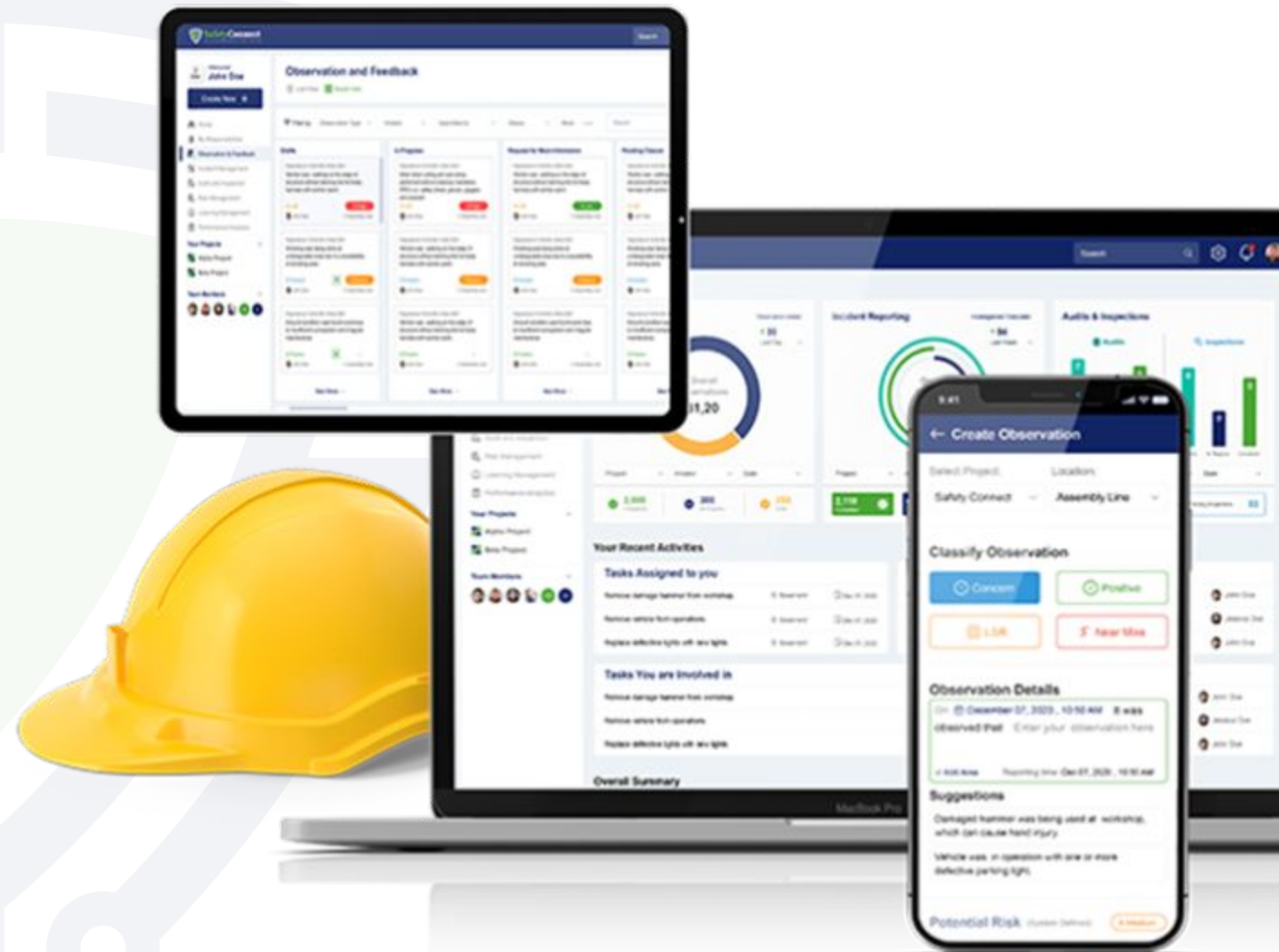# SafetyConnect

Ensure Workplace Wellbeing.

A Simple, Intelligent, Innovative and Robust approach to Health, Safety and Environment Management in Workplaces.

nsc TechHub Marketplace

2024 PARTNER

Table Of Contents

SafetyConnect

Why Safety?

Every day, people die as a result of occupational accidents or work-related diseases – more than **2.78 million deaths** per year.

Additionally, there are some **374 million non-fatal work-related injuries and illnesses** each year, many of these resulting in extended absences from work.

The human cost of this daily adversity is vast, and the economic burden of poor occupational safety and health practices is estimated at **3.94% of Global Gross Domestic Product** each year.
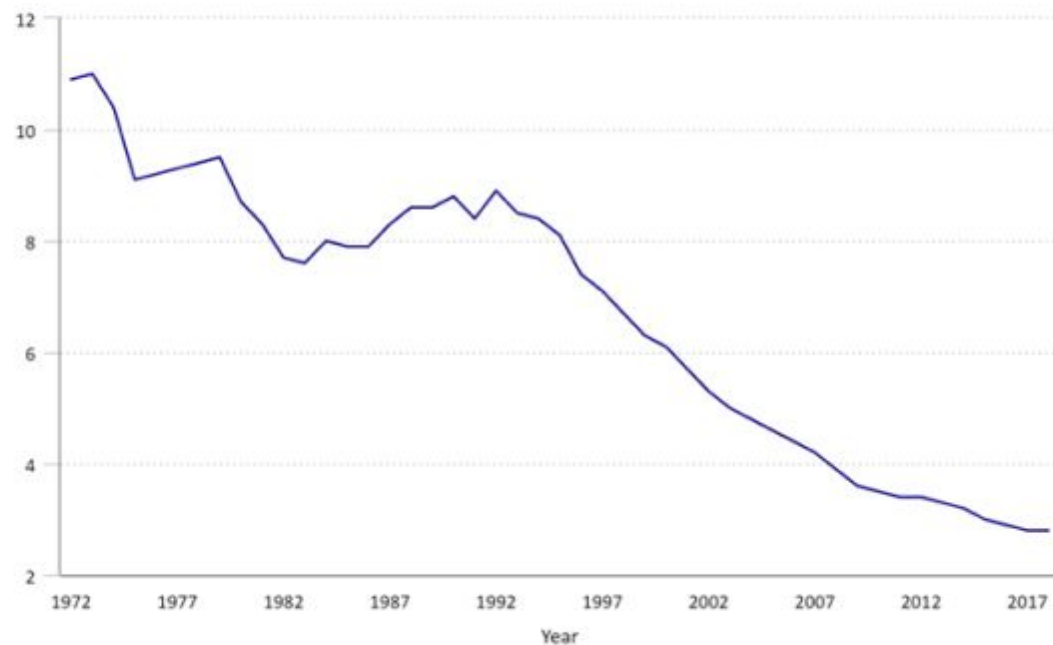
Source: International Labour Organization (ILO)

https://www.ilo.org/global/standards/subjects-covered-by-international-labour-standards/occupational-safety-and-health/lang--en/index.htm

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Injury Statistics

Chart 1. Incidence rates of nonfatal occupational injuries and illnesses, private industry, 1972–2018

Number of fatal work related injuries, 1992 - 2021
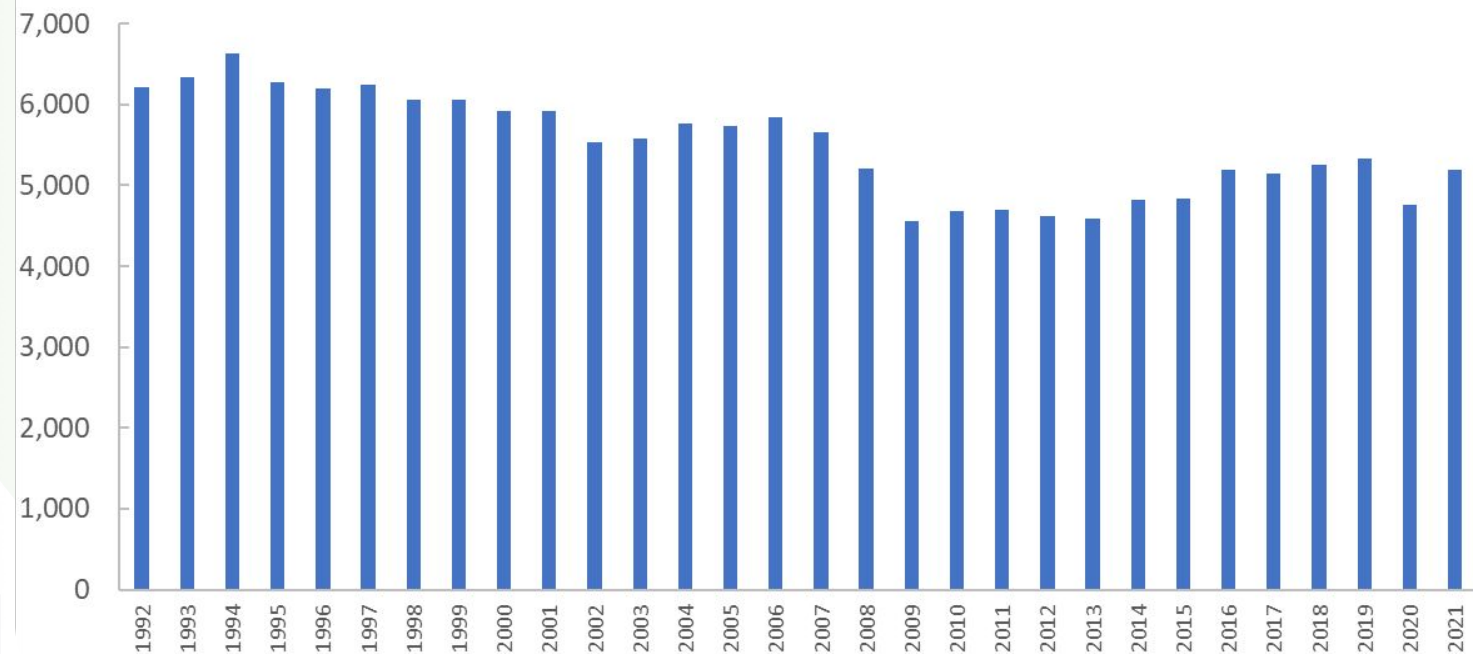
"The Need for a paradigm shift in strategy regarding occupational safety"

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The Iceberg Impact - Direct & Indirect Costs of Incident

Direct Cost

- Wage and Productivity Losses
- Administrative Expenses
- Medical Expenses
- Worker Compensation Expenses

Indirect Cost

Many organizations focus on the tip of the iceberg when weighing the cost of the incident but they forget what may be lurking under the water.

- Time Lost to Work Stoppage
- Damage to Tools & Equipment
- Administrative Time Spent by People
- Replacement Work Training Cost
- Lost Team Productivity
- Damage to Reputation

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Benefits of leveraging EHS Software

Ensure worker safety

With in-depth recording and reporting capabilities, technology helps organizations adhere to applicable safety standards - clarifying the state of health and safety key performance indicators (KPIs).

Ensure compliance with regulations

An EHS platform helps organizations keep up to date with regulatory changes and stay in line with regional regulatory bodies, such as the Occupational Health and Safety Administration (OSHA).

Report through mobile technology

EHS software systems can be deployed and accessed on remote devices like smart phones and tablets. These are essential tools for keeping people safe, minimizing risk and maximizing workforce productivity.

Generate deeper insights

Data is centralized and acquired from a variety of sources across the enterprise and can be tracked. As such, software allows organizations to analyze trends and ensure proactive safety measures are implemented within the workplace.

Reduce insurance costs

By improving workplace safety, the potential costs of insurance can be reduced. According to OSHA, successful health and safety programs can reduce injury and illness costs by 20 to 40% (Ellison, 2015).

Reputation

A poor safety record can create considerable reputational damage, as the expectations of a safe work environment and increased transparency by investors and wider society grow.

Reduce negligence

An estimated 32% of mid-market organizations are concentrating on the implementation of processes and software for incident management. And only 28% are seeking to manage and mitigate the risk before it occurs.

Approaches
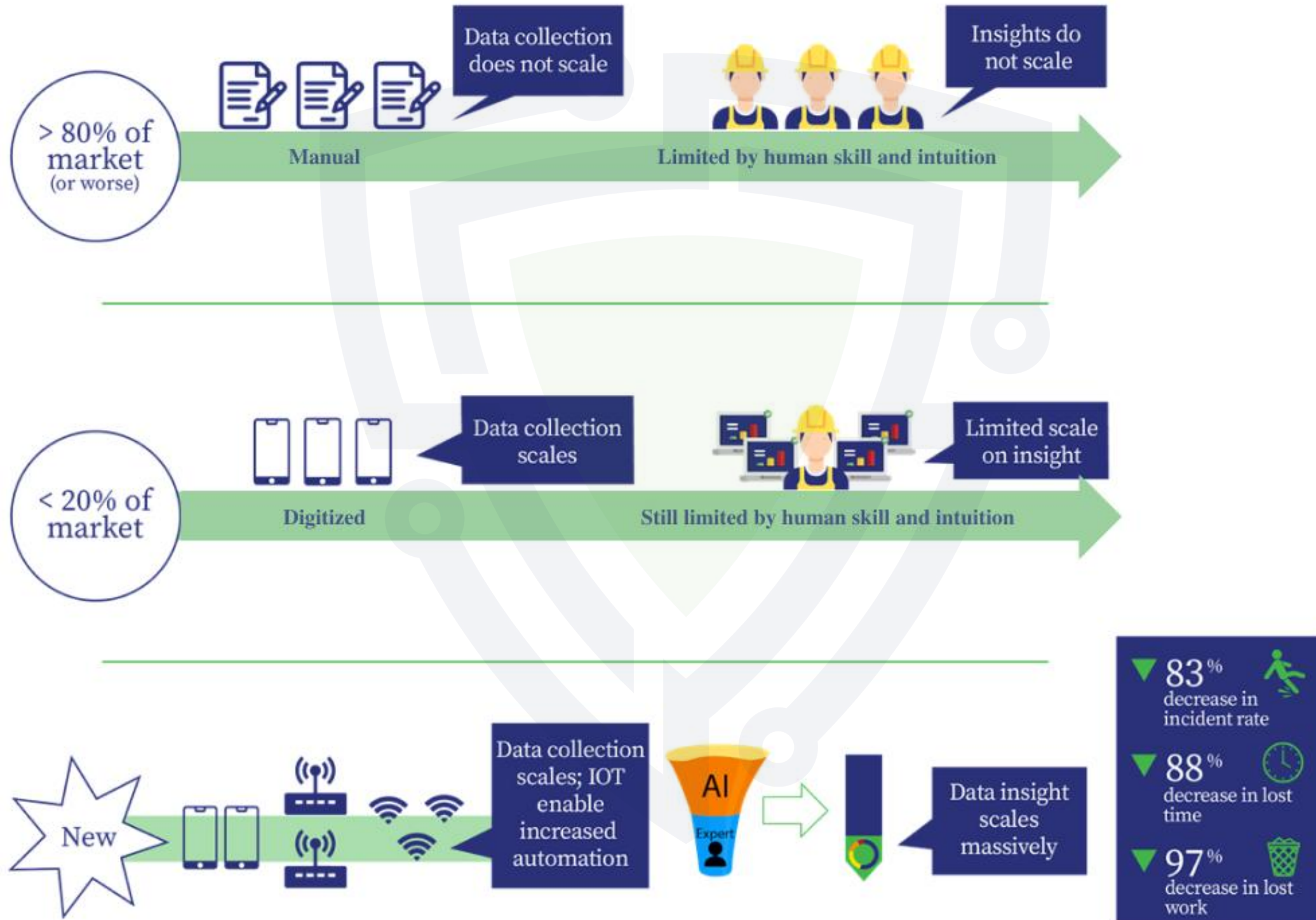
Why Safety Connect?

Simple, Innovative and Robust approach to Health, Safety & Environment management at workplaces brings in collaboration at heart of HSE Management. A community driven approach to ensure continuous improvement in workplace safety.

Safety Connect Offers:

Streamlined audits and inspections

Reduce manual error

Fast, efficient reporting

Increased safety participation

Customized to your organization

Fully supported by our expert team
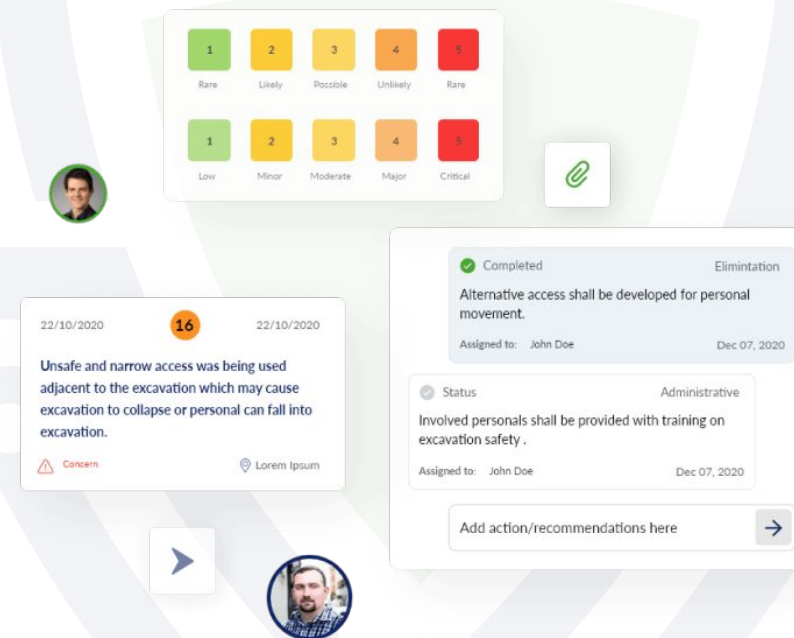
Single point of reference

Continual improvement

Quick, clear insights

SafetyConnect

What We Offer?

Our Modules

- Observation & Feedback

- Incident & Accident Reporting

- Audit & Inspection

- Safety Culture Assessment

- Learning Management System

- Risk Management

Our Core Features

- Collaboration

- Information Security

- Insightful Analytics & Dashboard

- Offline Capability & On Premise Deployment

- Simple & Intuitive UI

SafetyConnect

Observation & Feedback

The Observation and Feedback Solutions put safety directly in the hands of employees. With advanced software, organization can easily identify areas of risk and proactively implement control measures.

- A simple & intuitive UI/UX for reporting observations.

- Suggestions based on AI are made available for the users to standardize the observations.

- Benchmark risk for observation with Smart calculator to evaluate actual risk arising from unsafe acts and conditions.

- Proposing actions & recommendations following hierarchy of controls using AI to eliminate or control the risk arising from identified hazards.

- Tracking of repeated observations using Artificial intelligence.
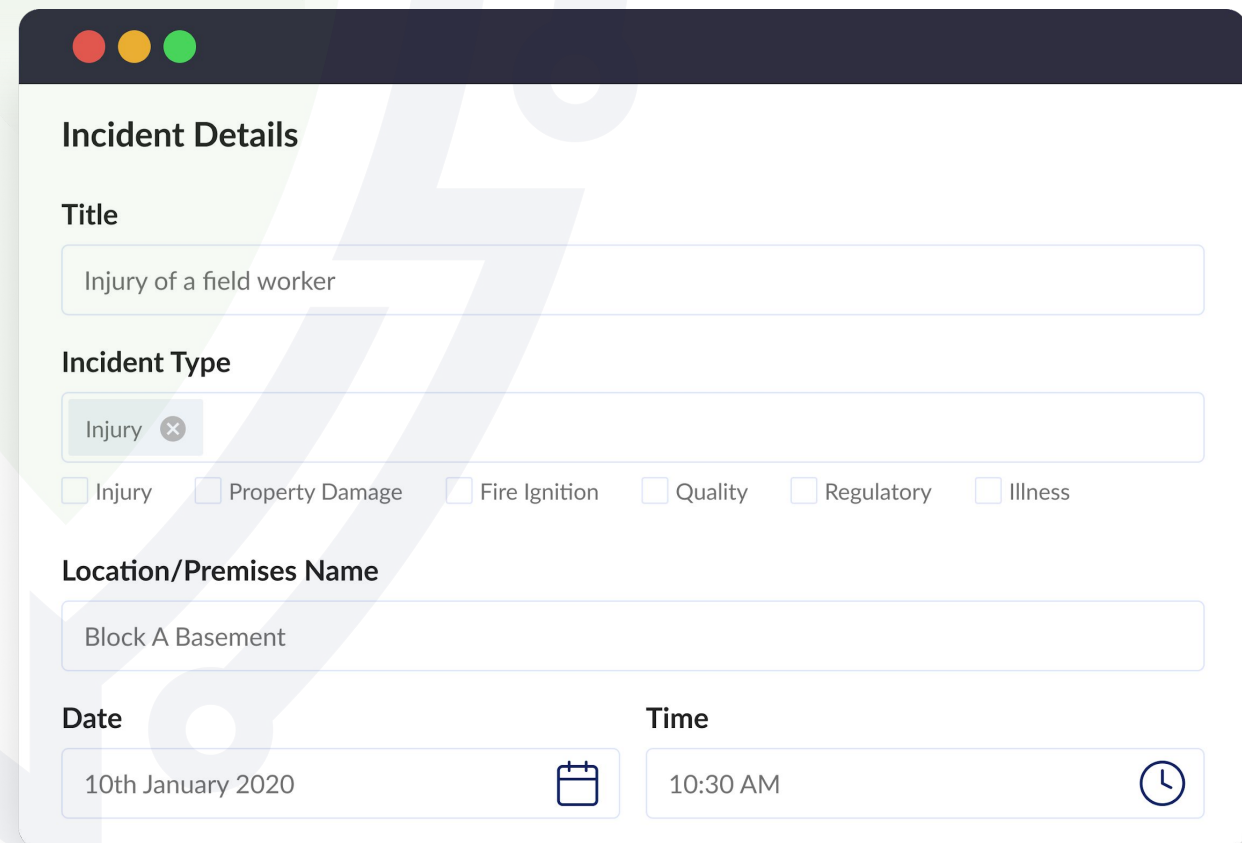
Similar Observations made previously

Reported at 10:34 AM, 8 Mar 2021 ✓

Worker was walking on the edge of structure without latching the full body harness with anchor point.

⊗ *LSR* 　　　15-High

John Doe 　　　⊙ *Assembly Line*

Reported at 10:34 AM, 8 Mar 2021 ✓

Smoking was being done at undesignated area due to unavailability of smoking area.

① *Concern* 　　　9-Medium

John Doe 　　　⊙ *Assembly Line*

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Incident & Accident

Reporting incidents and accidents will help in gathering the critical data. Using AI, the incidents and accidents will be dealt with the adequate and suitable actionable insights.

- Built In incident report forms with options to choose from a variety of incident report templates.

- End to end coordination of incident investigation process.

- Root Cause analysis tool benchmarked with industry best practices.

- Accident and Incident Analytics to help summarize the data collected.

- Consequences and impact analysis if incident and injuries.

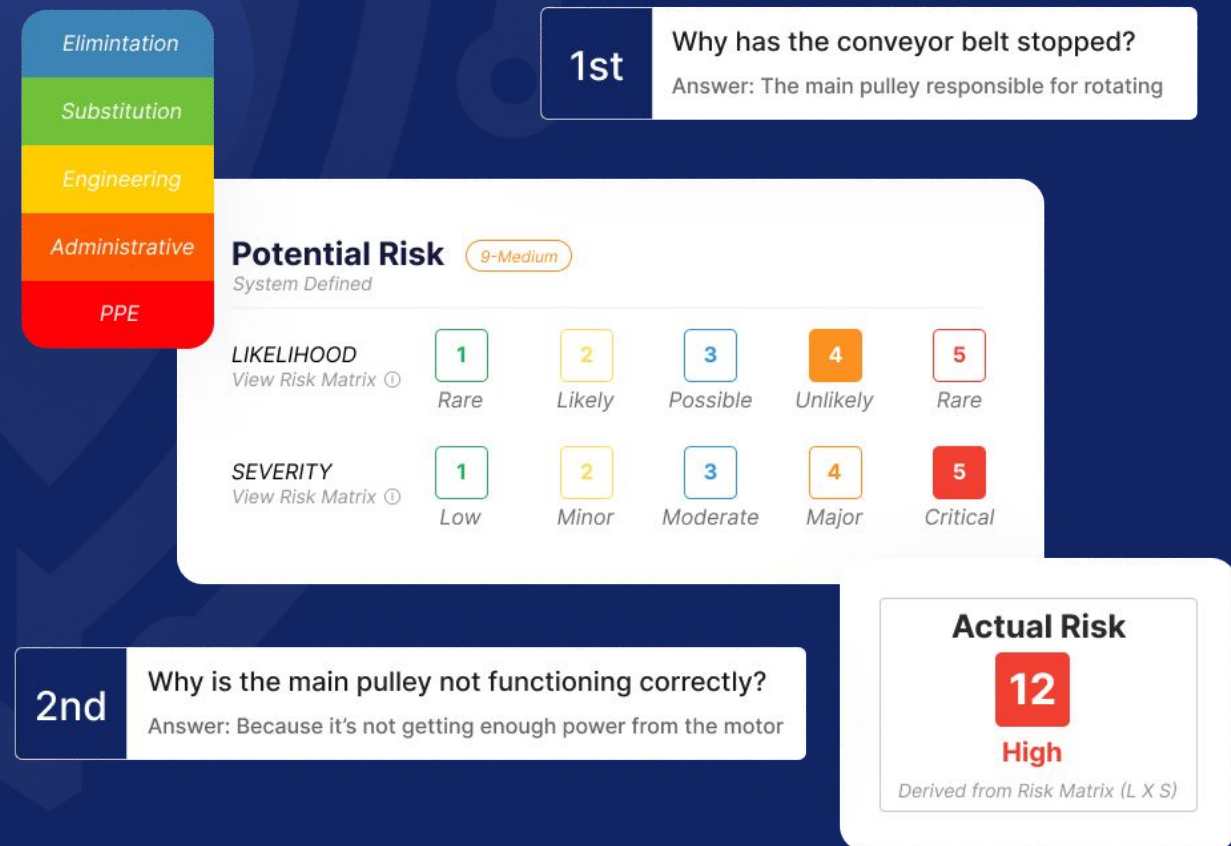- Customizable form builder for developing need based templates.

Incident Details

Title

Injury of a field worker

Incident Type

Injury ⊗

☐ Injury   ☐ Property Damage   ☐ Fire Ignition   ☐ Quality   ☐ Regulatory   ☐ Illness

Location/Premises Name

Block A Basement

Date

10th January 2020

Time

10:30 AM

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Risk Management

Risk management is a critical EHS process. By adopting a fully digitized reporting workflow and ensuring real-time information sharing across an organization, risks can be identified earlier and hazards can be understood and eliminated at source.

- Risk assessment process for identifying, analyzing and evaluating the risk associated with the hazards or projects.

- Quantitative and qualitative risk assessment.

- Option to choose from Built In hazard library where historic data of recognized hazards is available.

- System based control measures linked with hazards for effective risk control.

- Enable organization to conduct 4 levels of risk assessment i.e., broad brush, workplace, PHA and JSA.

- Enable periodic review of risk assessment for effectiveness.

Audit & Inspection

Safety auditing software enables a company to investigate and analyze any non-compliant processes or activities in the workplace through the rapid and consistent generation of inspection schedules, checklists, forms and reports based on established best practices.

- SMART hybrid (Pictorial and Textual) inspection forms with quantitative assessment.

- Audit & inspection forms library to make process efficient & simpler.

- Simple and elegant user interface to enhance usability.

- Encourage audit compliance standards across multiple locations.

- Mobile applications providing flexibility to auditors with regards to evaluation.

- Using data science to enable performance measurement.

WHEN

Start Date

20 Jan 2021

End Date

20 Jan 2021

☐ This is a recurring event.

CHECKLIST SELECTION

Start Date

Safety ⌄

Checklist

Safety ⌄

Health
Safety
Environmental
Sustainability
Register
Office

SafetyConnect

Learning Management System

The dynamic Learning Management System makes it easy to find the necessary courses, assign them to the right person or group, and follow up on incomplete training. Whether you are a safety expert or just getting started, our LMS is built to make your job easier.
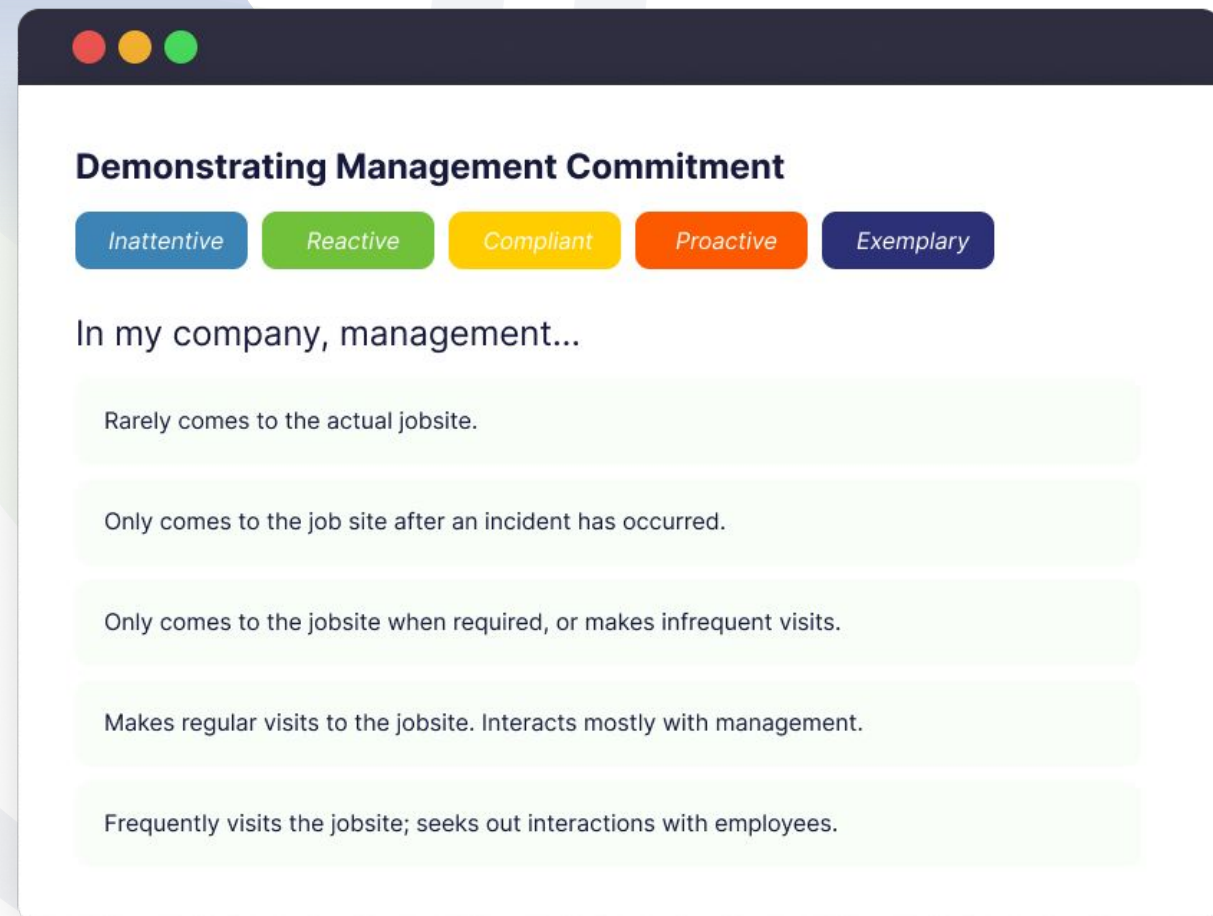
- Hundreds of built-in courses relevant to your workplace.

- Online learning management system for individuals to increase competency.

- Learn on the go, anywhere and at your own pace.
  Easy for managers to assign courses to team members and measure progress.

- Create courses and content customized as per requirements of your organization.

- Bring gamification to encourage learning for team members.

SafetyConnect
Ensuring Workplace Well-being

LEARNING MANAGEMENT

Search here

John Doe

2
Past Due Courses

2
Upcoming Courses

5
Completed Courses

Upcoming Courses
Scheduled Sessions
Learning History
Completed Courses
Statistics

Upcoming

Safety Training
Course ID: 1234
Required by: 30th May, 2021
Start Course

Brazing
Course ID: 1234
Required by: 30th May, 2021
Start Course

SafetyConnect

Safety Culture Assessment

The Safety Culture Assessment (SCA) is an easy-to-complete tool comprised of safety related questions to help assess your organization's workplace safety culture, is relevant to all sectors and organizational sizes, and can track change over time.

- The growing interest in safety culture has been accompanied by the need for assessment tools focused on the cultural aspects of worker's safety improvement efforts.

- SafetyConnect safety culture assessment is AI-driven.

- A survey scheduler will help the supervisor assign the task to fill the questionnaire by coworkers.

- Assessment works in the form of hierarchy and is multilingual so that it can be filled with ease.

Demonstrating Management Commitment

| Inattentive | Reactive | Compliant | Proactive | Exemplary |

In my company, management...

Rarely comes to the actual jobsite.

Only comes to the job site after an incident has occurred.

Only comes to the jobsite when required, or makes infrequent visits.

Makes regular visits to the jobsite. Interacts mostly with management.

Frequently visits the jobsite; seeks out interactions with employees.

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Collaboration |

Work together to achieve health and safety goals through features like messaging tagging and comments.

- Messaging among the team members to discuss a situation or to assign a task.

- Tagging is a useful tool to tag the team members in a task and assign a task.

- Comments for conveying information about a task.

Ground condition was found worse due to insufficient compassion and irregular maintenance.

09:14AM

Got your SOR. Will take care of this.

Seen: 09:14AM

Jessica	3 Days Ago
Created SOR.	
Mark	3 Days Ago
Marked an action completed.	
Robert	3 Days Ago
@Steve you need to revisit the action	

Your comment here

SafetyConnect
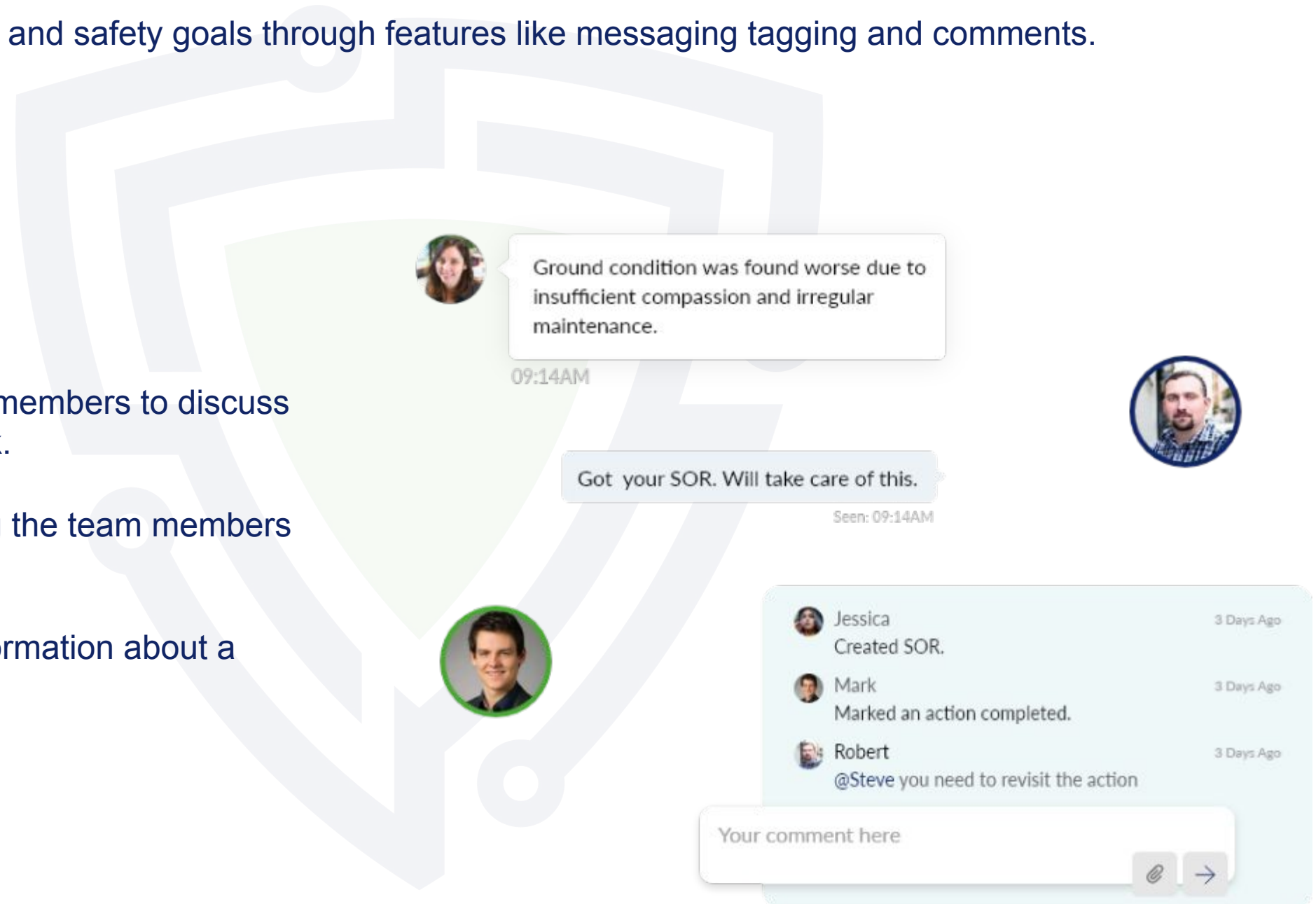
Analytics & Dashboard |

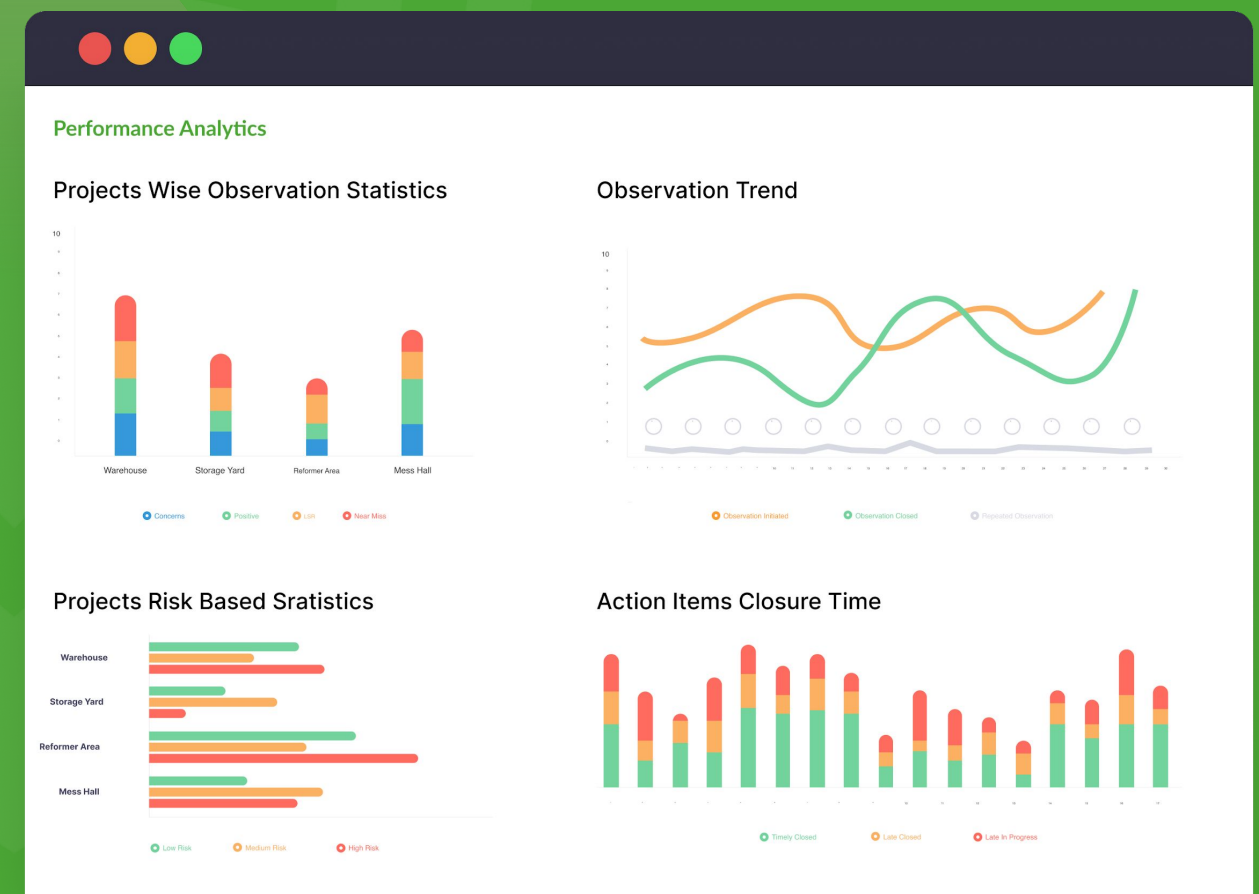Analytics and dashboards visualize various metrics related to health and safety practices, together, in one place. Dashboard help people responsible for health and safety in an organization to understand how effective their initiatives have been, and take a more data-driven approach to risk management.

- An intuitive visualization of meaningful information.

- Actionable insights to enable quick decision making.

- Using data science to find insights.

- Enabling managers to always be aware of important aspect of projects.

Performance Analytics

Projects Wise Observation Statistics

Observation Trend

Projects Risk Based Sratistics

Action Items Closure Time

SafetyConnect

Simple & Intuitive UI |

Easy and Simple User Interface (UI) built for the people to encourage and enable ease of use. An intuitive and friendly user interface design for the best experience and simplifying the process.

- Easy and Simple User Interface (UI) built for the people to encourage and enable ease of use.

- An intuitive and friendly user interface design for the best experience and simplifying the process.

Create SOR

Classify SOR

| ⓘ Concern | ⊘ Positive | ⊗ LSR | Near Miss |

Observation Detail

On December 07, 2020 , 10:50 AM **it was observed that** Power connection of AC from panel was not secured which may cause electrocution due to accidental contact

at Assembly Line   Reporting time: December 07, 2020 , 10:50 AM

Suggestions

| Damaged hammer was being used at workshop | Vehicle was in operation with one or more efective parking |
| Uninspected scaffolding platform was used. | Gaps between few steps was large on grating/structure |

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Information Security |

Safety Connect makes no compromise on security. By using Amazon Web Services (AWS) infrastructure and services it ensures complete security by protecting your information, identities, applications, and devices.
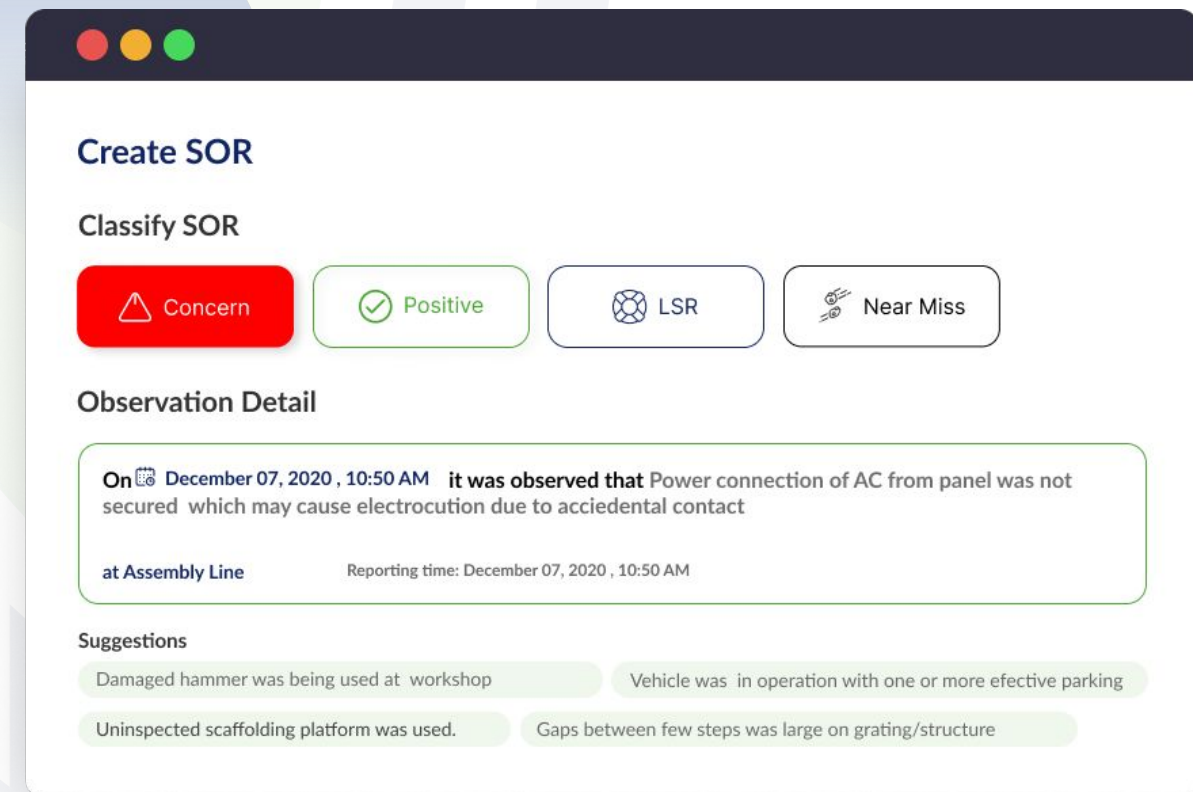
- Secure Data Access Management

- Cloud based Disaster Recovery

- Data spread on multiple data centers with AWS cloud

- Cloud Based Automated Backups

- Encrypted and Secure Data Transfer Protocols

- Data Security Controls

SafetyConnect

Offline Capability & On Premise Deployment |

Safety Connect can be worked on in offline model without internet. Safety Connect also offers on-premise & cloud-based deployment.

- Safety Connect works in offline mode with places which have no internet connectivity.

- Safety Connect can be deployed in-house. With on premise deployment, from implementation to the running of the software, everything is done internally.

- The application is deployed remotely on the cloud servers. With the cloud-based deployment, the implementation and running of the application are done externally.

Create SOR

Classify SOR

| ⚠ Concern | ✓ Positive | ⊗ LSR | Near Miss |

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SafetyConnect

Process of **mobilization**

We adopt a very simple and effective 4 step process to bring SafetyConnect into your hands.

Training

- Comprehensive review of the solution and modules adopted for implementation post services contract.

- Help users to understand the workflows and features.

Onboarding

- Developing or amending workflows as per organizational needs.

- Deployment of solution and handing over control of admin panel to organization's representative.

Utilization

- Log-in to the solution using ID and password.

- Start exploring and benefiting from the wide range of modules and features to ensure workplace wellbeing.
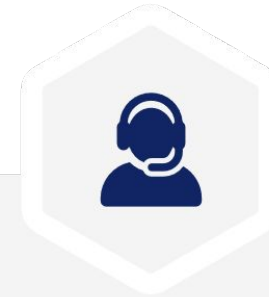
Technical Support

- 24x7 Availability of dedicated customer support representative to resolve user queries and provide feedback.

SafetyConnect

Industries benefiting from SafetyConnect

SafetyConnect is designed to support diversified industries and many industries are obtaining maximum benefits from SafetyConnect.

- Oil & Gas
- Construction
- Manufacturing
- Mining
- Education
- Raw Material Supplies
- Power
- Telecommunication
- FMCG
- Trading, Transportation
- Healthcare
- Water

SafetyConnect

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