North Texas E&P
Safety Network
Dec 11, 2020

Software Professionals, Inc.

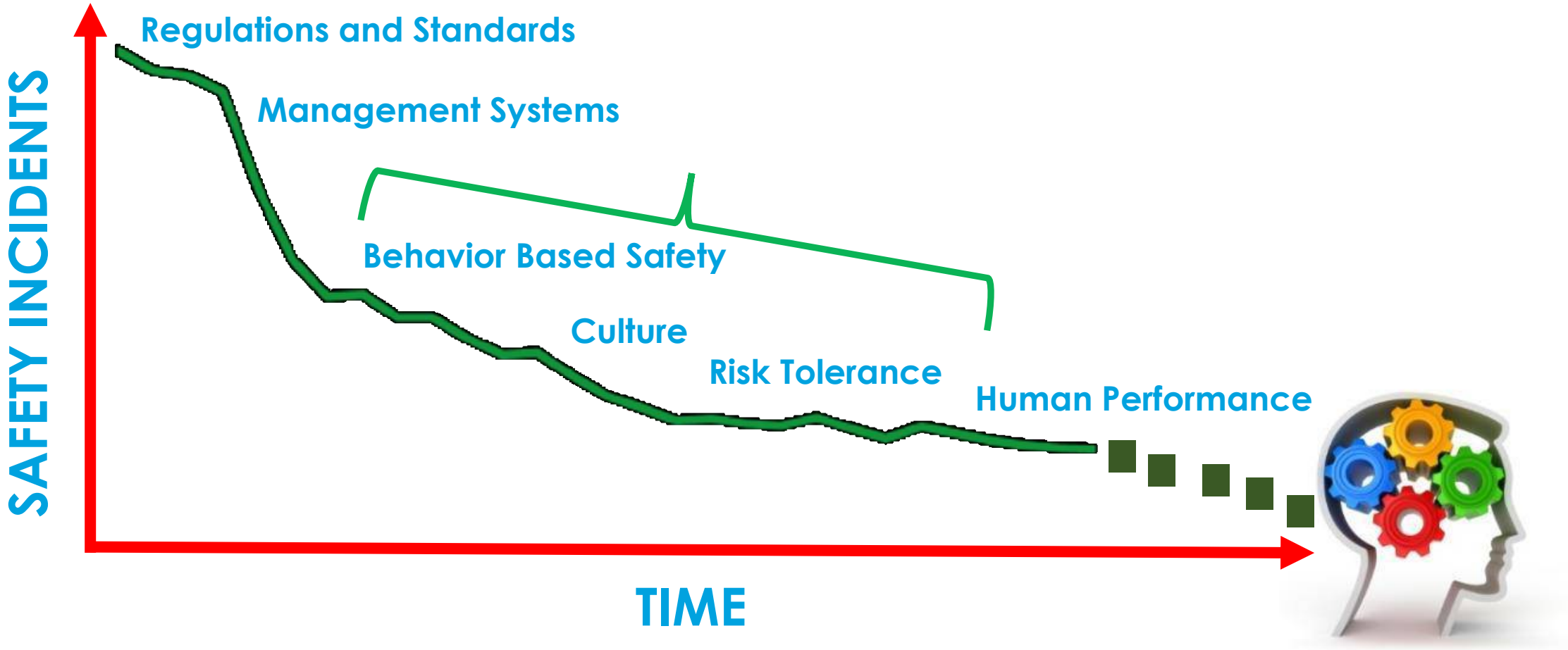
Responsive Efficient Accurate

Today's Agenda

Topic Highlights

Behavior Based Safety Perspective
Safety Software Solution
Leading Indicators
COVID-19 Self Assessment
Follow up

Our Safety Journey



BEHAVIOR BASED SAFETY: EXPERIENCE

INTRODUCTION TO BEHAVIOR BASED SAFETY

- Defining what is behavior safety!
- New to all levels of organization
- Focused on Observations
- Industry starting to develop tools for methods of information delivery
- Setting quantifiable targets

ANSELL

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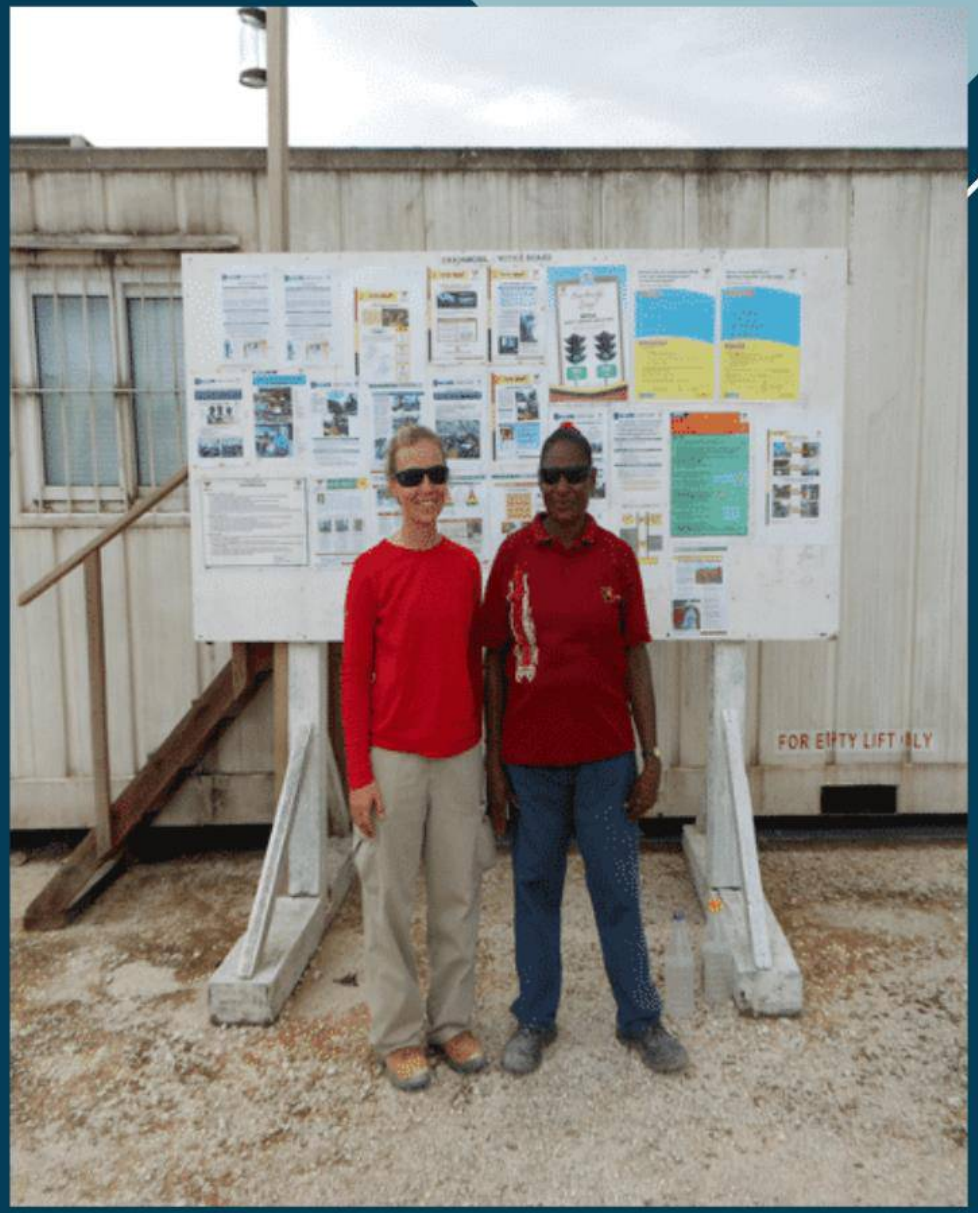
BEHAVIOR BASED SAFETY: EXPERIENCE

EARLY PHASES

- Observations-mostly focused on PPE and mostly
- requiring improvement(negative)
- Starting to engage work force on approaching others
- and intervention
- Responding to Observation – simply Thank You for expression on caring
- Making Observations a part of daily toolbox talks and JSA's and weekly safety meetings
- Reward and Recognition for Obs. Starting to look at quantity & quality of observations
- Building a culture of making observation, engaging and responding to observations



ERRY CHRISTMAS

EXXONMOBIL NOTICE BOARD
FOR EMPTY LIFT ONLY

BEHAVIOR BASED SAFETY: EXPERIENCE

Maturing Phase

- Focus on Quality of observations and continue to meet and exceed obs. targets
- Encourage +ve observations and recognizing positive behaviors
- Introducing location specific O&I – e.g. Office O&I
- SHES plans include Obs. and intervention – including other aspects of work (health, security etc.)
- Reinforced JSA for all activities with behavior expectations
- Safety Champions emerge in the Workforce
- Introduced safety culture workshops

From the Desk of...
Suresh Batra

Leadership / Safety Culture

Here at EPC5A we've recently celebrated several safety wins. ***Our Above Ground Installation team has celebrated 50,000 man-hours without a hurt.*** I'm also pleased to report that ***our Tree Felling Teams have worked without a hurt for the past 6 months.*** We are seeing a lot of good work in the environmental area as well with no corporate recordable spills (> 1 barrel) since the beginning of the project. This just goes to prove that being hurt-free is achievable when we all come together and commit to it!

As I look back, in mid-2011 the Pipeliner's team was facing a safety record that needed to be improved. The losses caused by the injuries in our team dominated our focus. I asked two basic questions: *Why were we not successful in embedding safety into all our work practices? And, what was causing our people to get injured on the job?*

The dialogue with the team led to the development of our own set of guiding principles. We created a list of **"Safety Leadership Maxims"** – Fundamentals and Engagement that were to guide our journey to safety. These Fundamentals have been more recently supplemented by our **"Pipeliners Principles"**. These Principles are golden safety rules to further guide our behaviors.

The key to these Fundamentals was to get ahead of the game and engage all of our Pipeliners. Instead of working on improving safety after an incident, our goal was to invest our energy resolving issues before an injury or spill happened. In the end, we felt like this would give us the team alignment and continuity necessary to ensure our success.

Our Focus on the Fundamentals was also developed to take on safety issues in a systematic way to address the unique nature of work in remote locations with small work groups. It covers a person's behavior while also targeting the challenging physical conditions and organizational factors we face.

Trust, Accountability & Working Together as One Team

EPC5A Key Focus Areas

THE FUNDAMENTALS

ENGAGEMENT

From our point of view, incident reduction practices are now becoming part of our culture - our daily habits and work activities. The idea is to engage all of our Pipeliners in this collective effort to control hazards and the injuries that result from them. I'm very proud to say our workforce is getting involved in this process. Just this month we recognized two workers for outstanding safety contributions.

Ishmael Kiro recently interacted and stopped an unauthorized equipment operator from working without a valid operator's permit.

Sam Wonuhali stepped in and watched out for a fellow worker's safety by coaching an equipment operator on how best to work on unstable ground.

I would like to conclude by emphasizing the importance we place on people as our greatest asset. Nobody comes to work with the intention of getting hurt. Knowing this, we all must fully commit to engaging our workmates and focusing on the fundamentals to achieve a hurt free environment.

The choice is ours to make...

Together we can create a better future for our family, PNG, and of course our workplace.

SAFETY

BEHAVIOR BASED SAFETY: EXPERIENCE

Acceptance Phase

- Sharing O&I outside of workplace – with family and friends
- Created Tools for management engagement and visibility
  - Personal Safety plans
  - Manager Safety Walkdowns
  - Engaging Others
- Recognize Safety Champions to push behavior-based safety across all groups
- Safety Culture Workshops - part of Safety Induction
  - O&I Program
  - Contractor participation w/incentives
  - Safety Champions
  - Remote work behavior expectations

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BEHAVIOR BASED SAFETY: PROGRESSION

Safety is a Journey

Saw gradual improvement and engagement

Built in Risk Awareness

Engagement of entire team with caring for self and others around. Participation of entire work force and Safety Champions program

Safety as a Priority

Safety became part of work activity rather than separate

Key Observations

In remote and small groups workers were less visible and more prone to take risks

Key Leading Indicators

Indicators and expectations developed, reviewed and reinforced

Hazard Identification and Mitigation

Addressed issues before they become incidents

BEHAVIOR BASED SAFETY: PROGRESSION

Areas that could be improved

- Quicker dissemination of information
- Use of pictures and videos (an important part of hazard recognition)
- Ease of use
- Storage and distribution of documents
- Data Analytics

Safety Software Solution

Employee Engagement

- Hazard Identification, Mitigation and Safety Communication.
- Employee participation that enhances an organization's safety culture.

Innovative Technology

- Software tool that is mobile and web capable.
- User-friendly experience
- Eliminates paper use

LEADING INDICATORS

(WEB BASED APPLICATION)

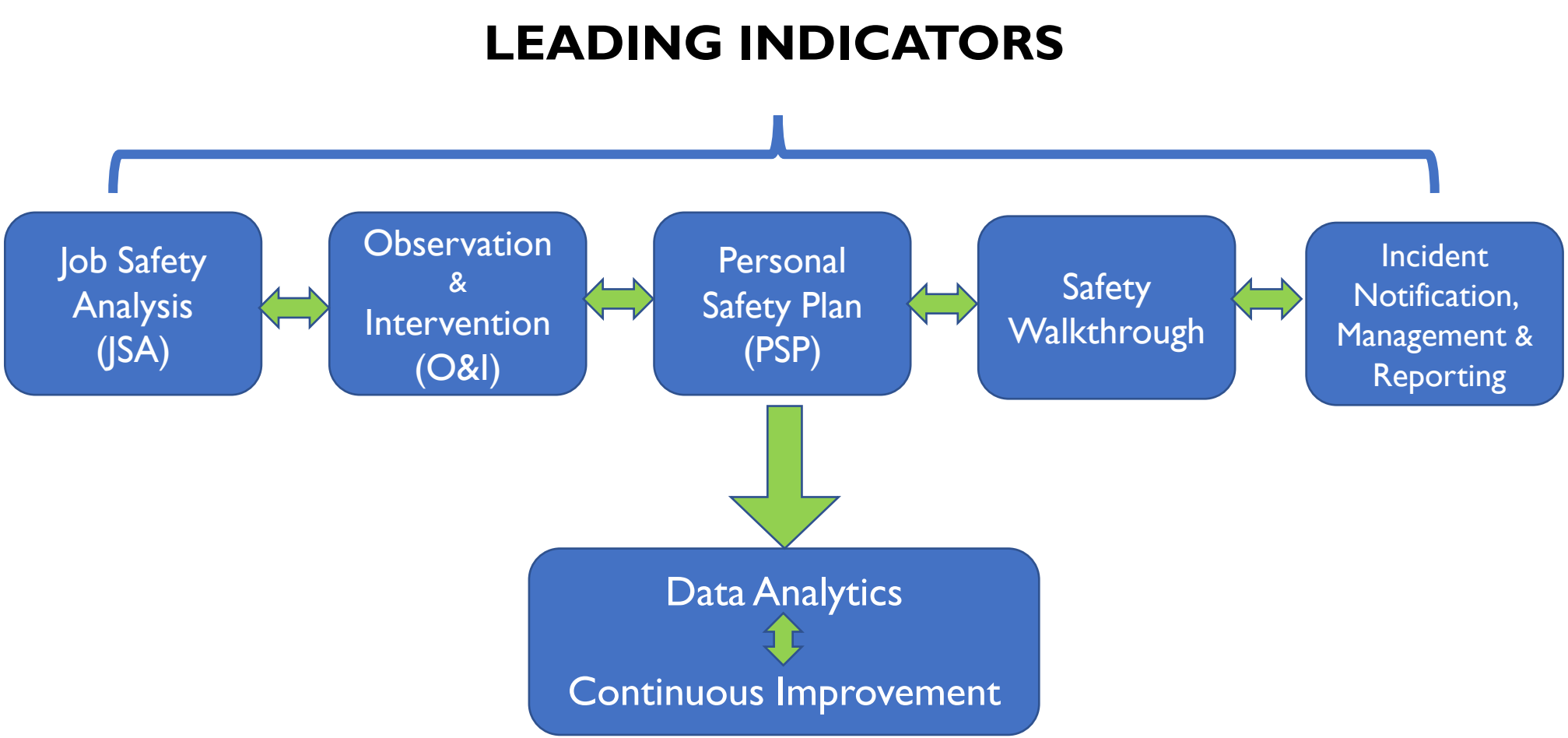
Home

- O&I Form
- Office O&I
- Personal Safety Plan
- Job Safety Analysis
- Incident Notification
- Investigative Form
- Manager Safety Walkthrough
- Supervisor Safety Walkthrough

Users	Groups	Projects
6	2	2

LEADING INDICATORS

(WEB BASED APPLICATION)

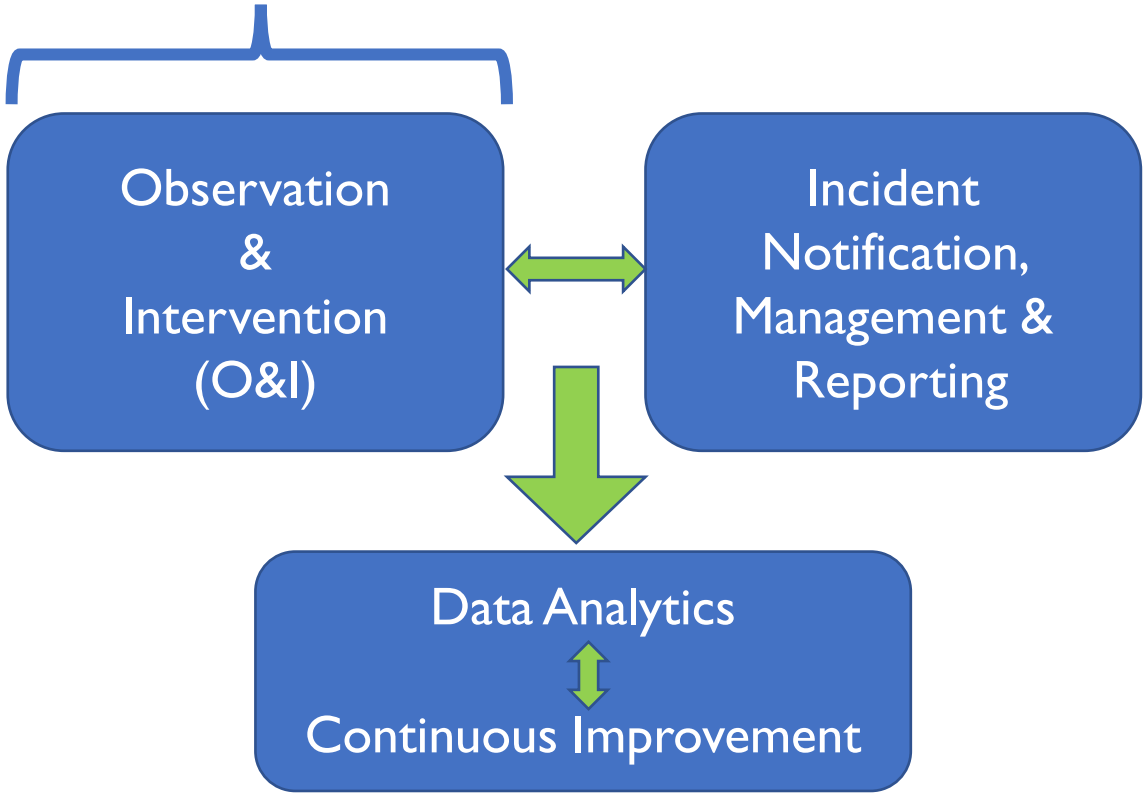


Strategies Towards Behavior based Safety Management

LEADING INDICATORS

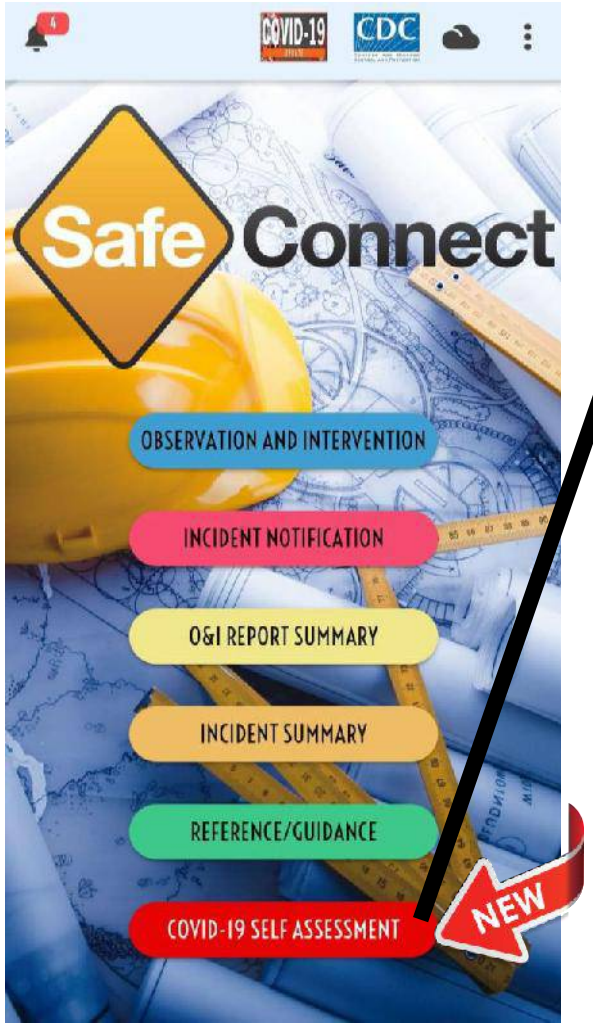
(MOBILE APPLICATION)

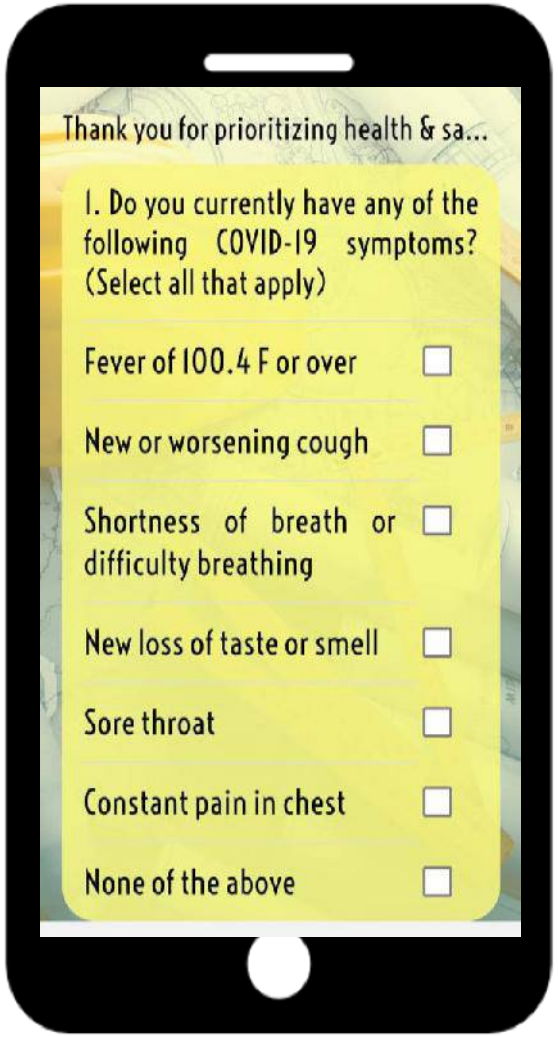
LEADING INDICATOR



Strategies Towards Behavior based Safety Management

COVID-19 SELF ASSESSMENT





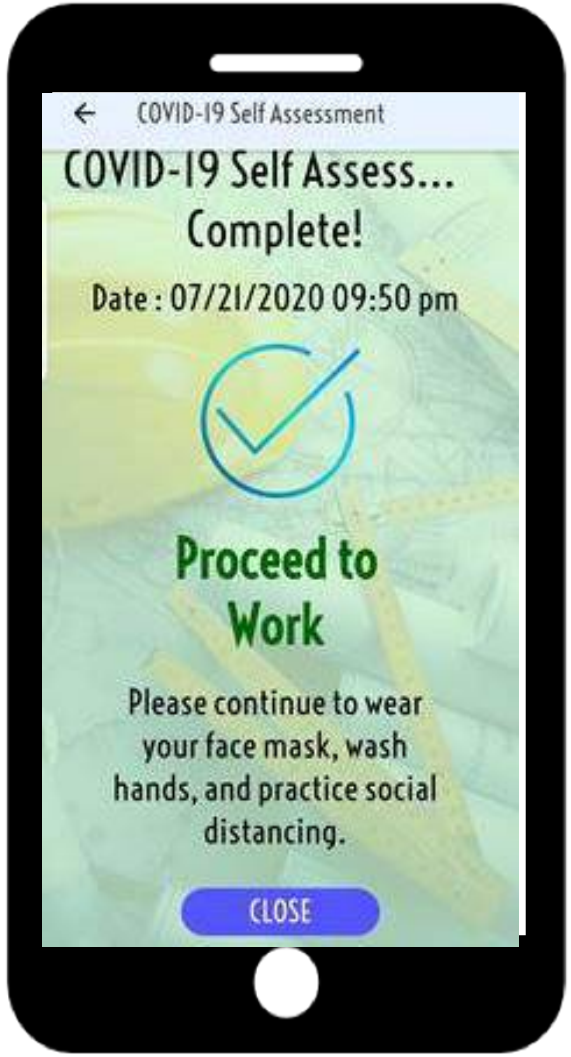
01 Answer a few questions about COVID-19 symptoms and interaction.

02 Users declare if they are symptom free or select which symptoms they are currently experiencing.

03 Additional questions determine if they have had possible exposure to COVID-19 individuals or areas.

04 Employers can efficiently and effectively assess and track the COVID-19 status of their workforce in real time.

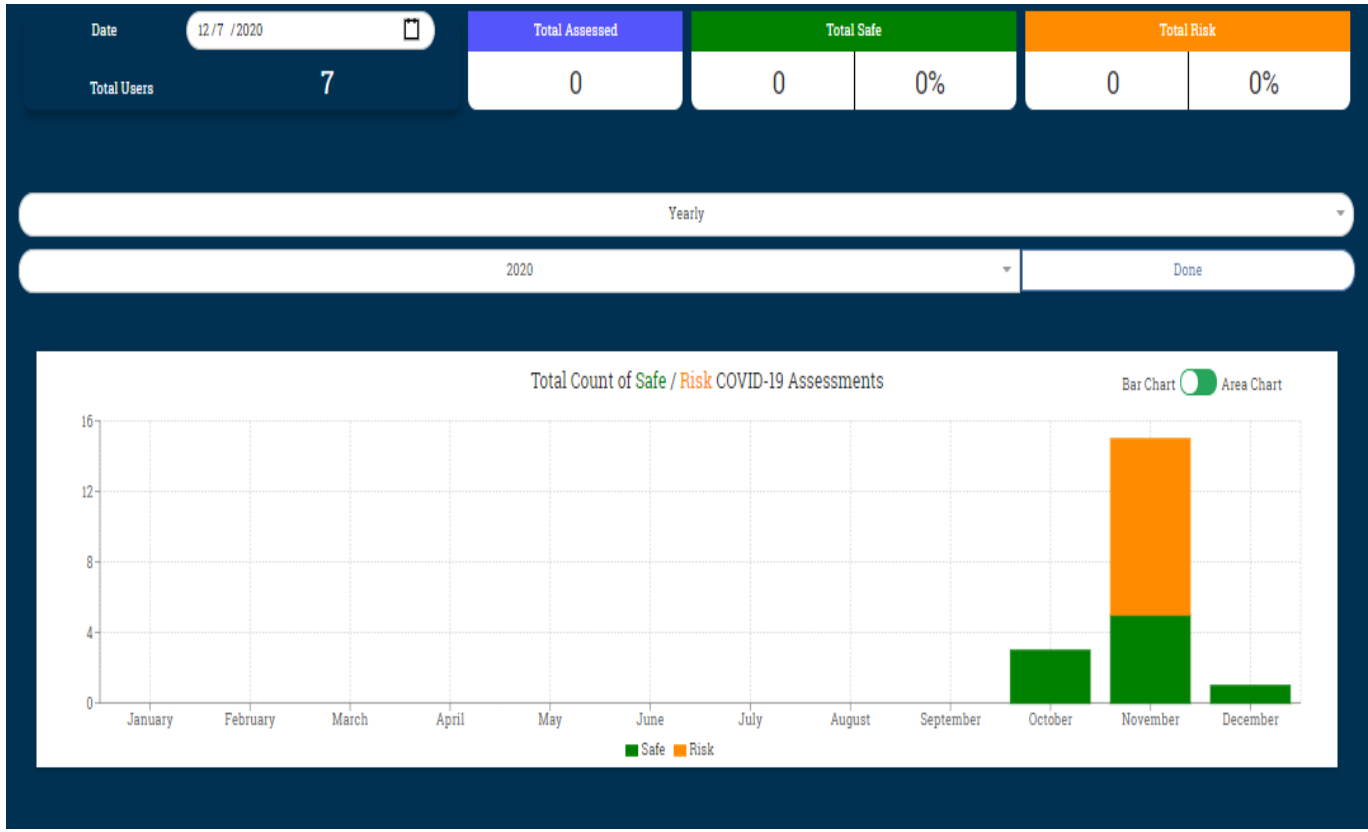
No Eminent Risk



Possible risk to co-workers

COVID-19 Self Assessment Report List

Covid-19 Report Summary



Safe Connect

FEATURES

- Data Analytics – Dashboard
- Customizable Forms
- Picture and video uploading
- Links to regulatory information
- Weather Alerts – Location based
- Consistency in Reporting
- User friendly experience
- Location-based services
- Instant Notifications
- Offline Data Capture

VALUE ADDED

- Eliminate paper method
- Employee engagement (practices, procedures, conditions, and behaviors)
- Increased awareness of safety expectations
- Improved Safety Performance (decrease in workplace incidents)
- Collect form data in remote locations even without an Internet connection

Innovative Safety Software Product

We Believe in Long-term Partnerships

Driven by Mutually Beneficial End-Goals

Responsive, Efficient, and Accurate

Thank You!

Suresh Batra
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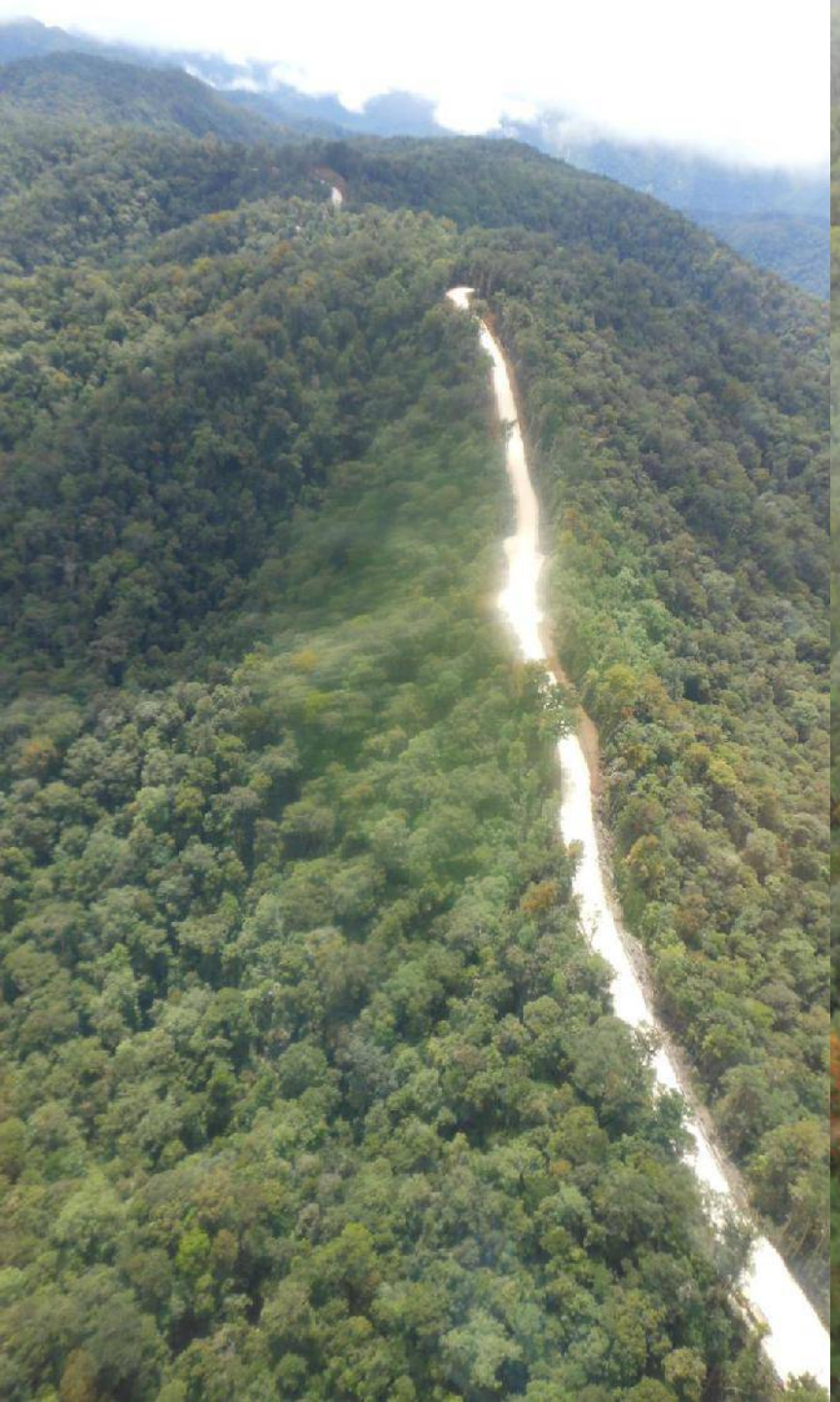
682-330-8212

PRODUCT Overview

DOCKWISE



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