Take EHS Management Beyond Compliance to Achieve EHS Excellence

13th April 2021

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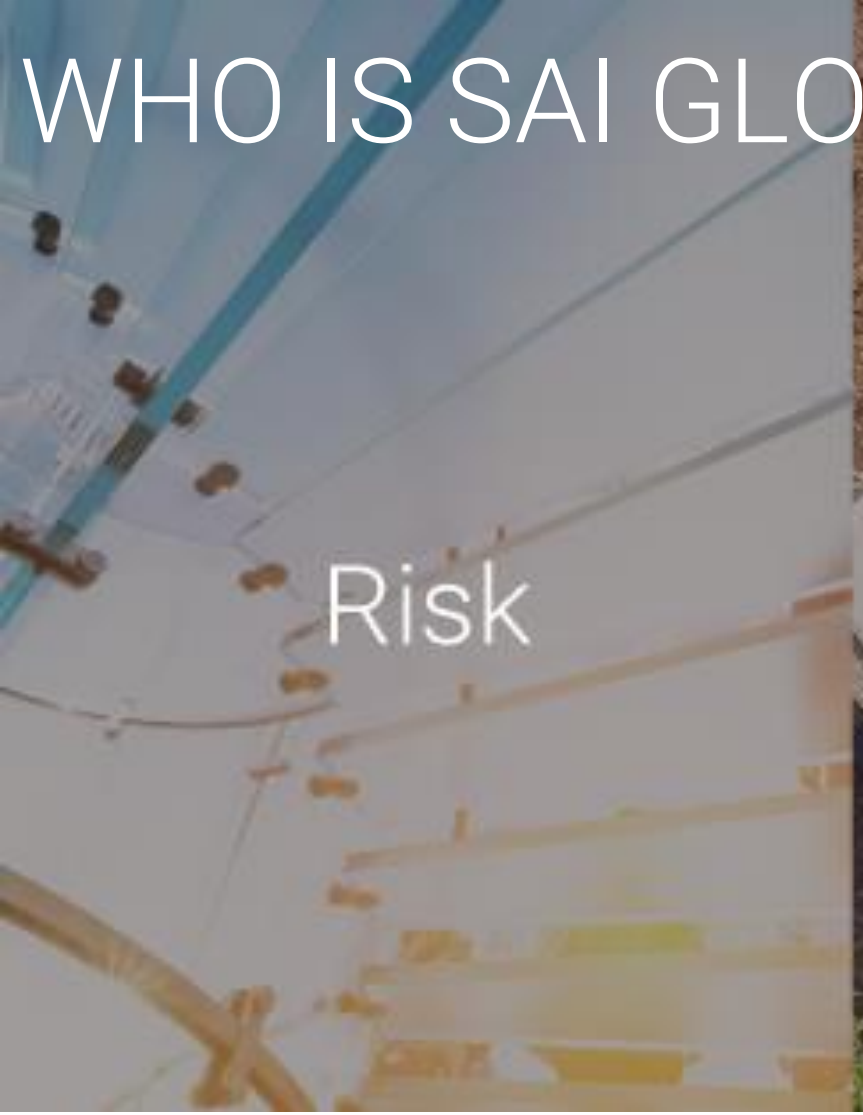
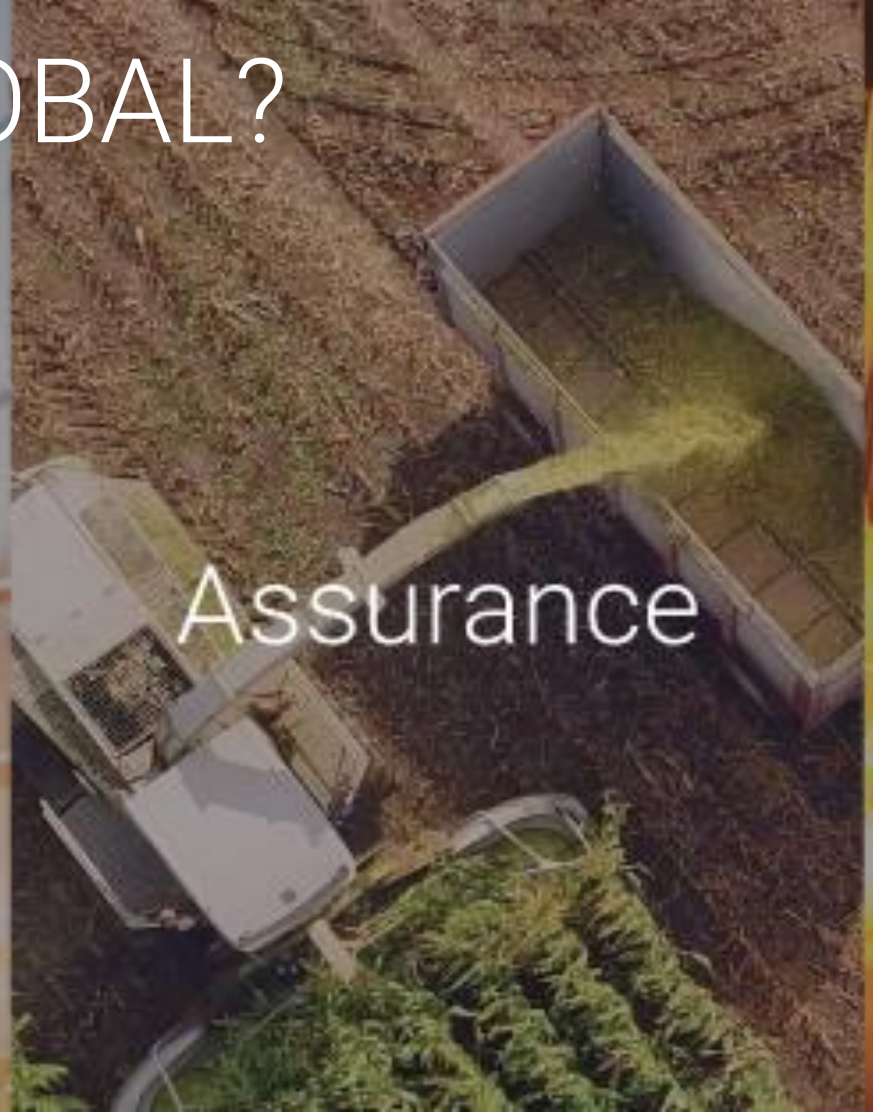
WHO IS SAI GLOBAL?





SAI360 is a cloud-first risk management platform with modern ethics and compliance learning content.

Assurance delivers more than 125,000 audits and trains over 100,000 people each year to Quality Assurance standards.

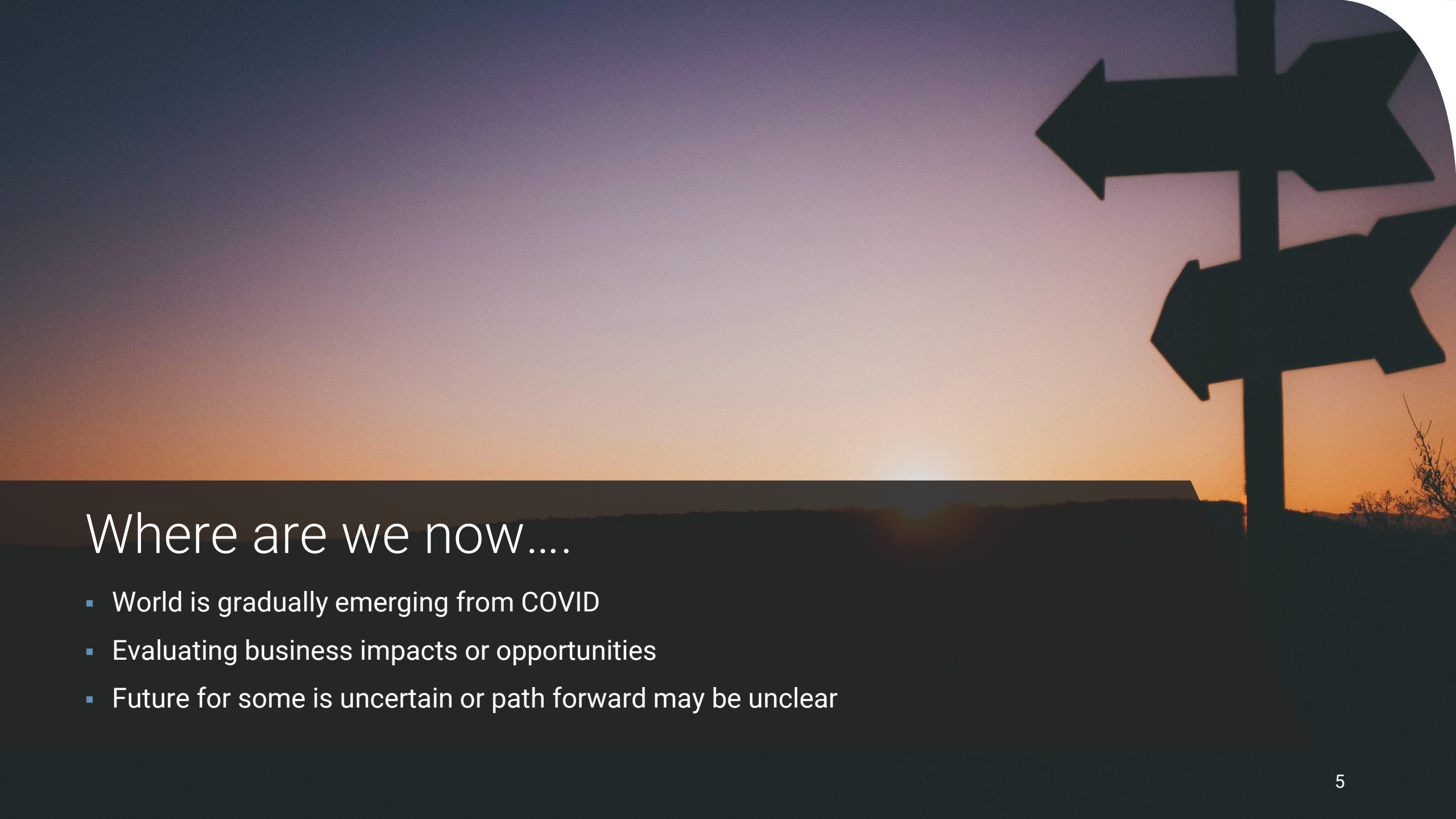
We provide over 1.5 million **standards** from more than 350 publishers. Discover the widest selection of International Standards – all in one place.

SAI360 Platform

- Cloud-first risk management platform
- Broadest Use Cases for digitizing Risk, Compliance and EHS.
- Ethics and compliance learning content, training and codes of conduct

Agenda

1. *The pros and cons and the potential gaps of focusing on compliance through certification.*
2. *Principles of ISO 31000 for a more flexible approach to managing risks and the common barriers preventing a risk-based approach*
3. *Using technology to demonstrate compliance to regulators and support a risk-based approach*



Where are we now….

- World is gradually emerging from COVID
- Evaluating business impacts or opportunities
- Future for some is uncertain or path forward may be unclear

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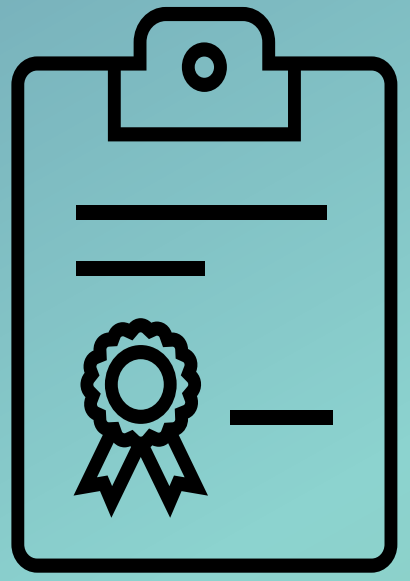
1



The pros and cons of relying on certification to deliver compliance as part of your risk management processes

The potential gaps if you focus solely on a compliance-based approach

What's driving the perceived need for more robust compliance programs?

Organizations are becoming more complex

Competition and regulation is intensifying

Companies need to maintain compliance AND keep up with the ever-quickening pace of business!

Benefits of Management Systems & Certification

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Identify Risk and Opportunities

Greater efficiency and less waste

Prevent problems from reoccurring

Better Internal Communications

Improve Control Over the business

Improved Risk Management

Practical Considerations

- Scope & Design of Management System VS. Business Context & Strategy
- Business Strategy VS. Structure & Resource Capacity/Capability
- Management System Processes VS. ISO Standard Requirements
- Preferred Culture & Attitude VS. Actual Culture & Attitude
- Planned Management System Results VS. Actual Results

It is not getting easier!

Hard Risks and Softer Unseen Risks

EHS Practitioners – Clutter & Busywork!

Ever-changing regulatory requirements – Tougher Penalties

Worker Engagement

Information for effective decisions to be made

Adapting EHS to hyper-speed world

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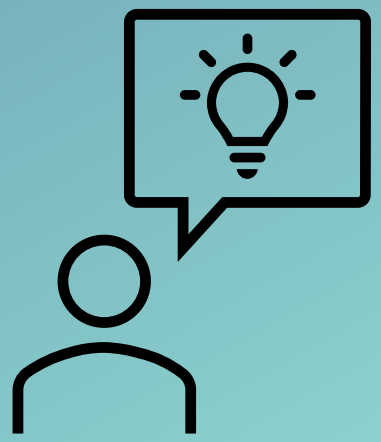


Principles of ISO 31000 that offer a more flexible approach to managing risks and increasing your level of maturity

The common barriers preventing a risk-based approach to managing EHS and practical considerations for effective risk management

As EHS professionals we need to support a shift to a more integrated and strategic outlook

Integrated risk management approach

- Understand all material risks in aggregate – not just in isolation
- Use to inform decisions about strategy whilst supporting the business in its management of day-to-day operational risks
- Review and strengthen existing risk monitoring and governance framework

How can I focus in on the most important risks and eliminate blind spots?

ISO 31000:2018

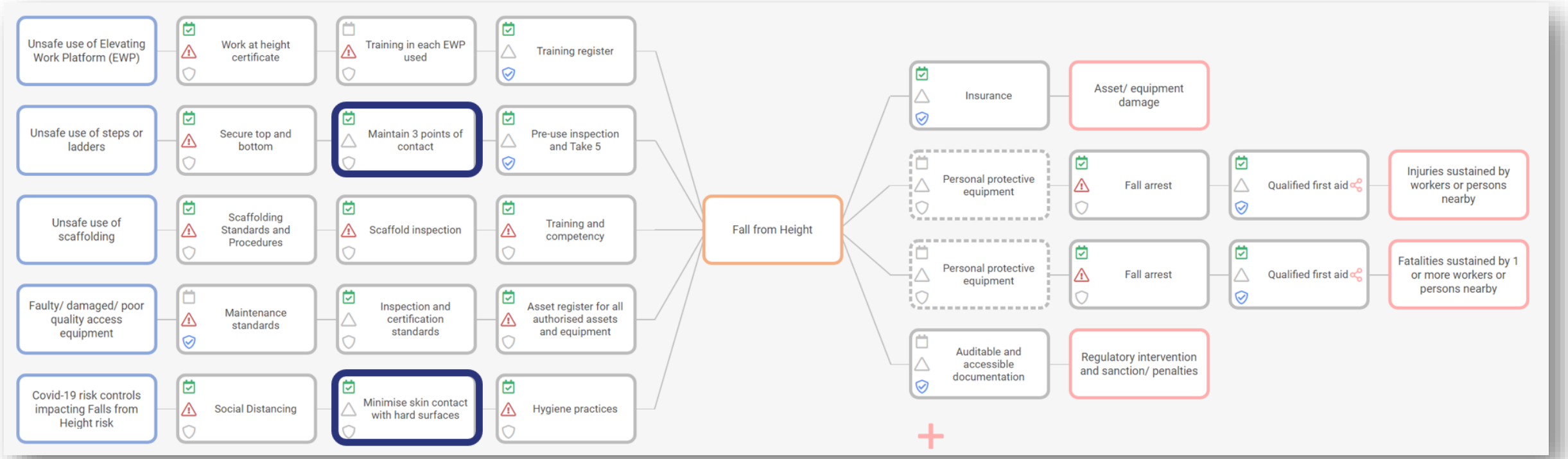
Main changes from 2009

- Review of the ***principles*** of risk management
- Highlighting of the leadership by top management and the ***integration*** of risk management, starting with the governance of the organisation
- Greater emphasis on the ***iterative nature*** of risk management
- Streamlining of the content with greater focus on sustaining an open systems model to fit ***multiple needs and contexts***

Risk analysis, using bowtie or through traditional risk registers, allows you to:

Anchor	Anchor your focus on risk management, and particularly critical controls, during disruptive events
Identify	Identify unintended consequences where controls potentially conflict with each other and may result in confusion at an operational worker level
Provide	Provide objective reporting to help prioritize actions and prevent blind-spots
Engage	Engage workers in risk management discussions and increase focus on the reality of control implementation and effectiveness

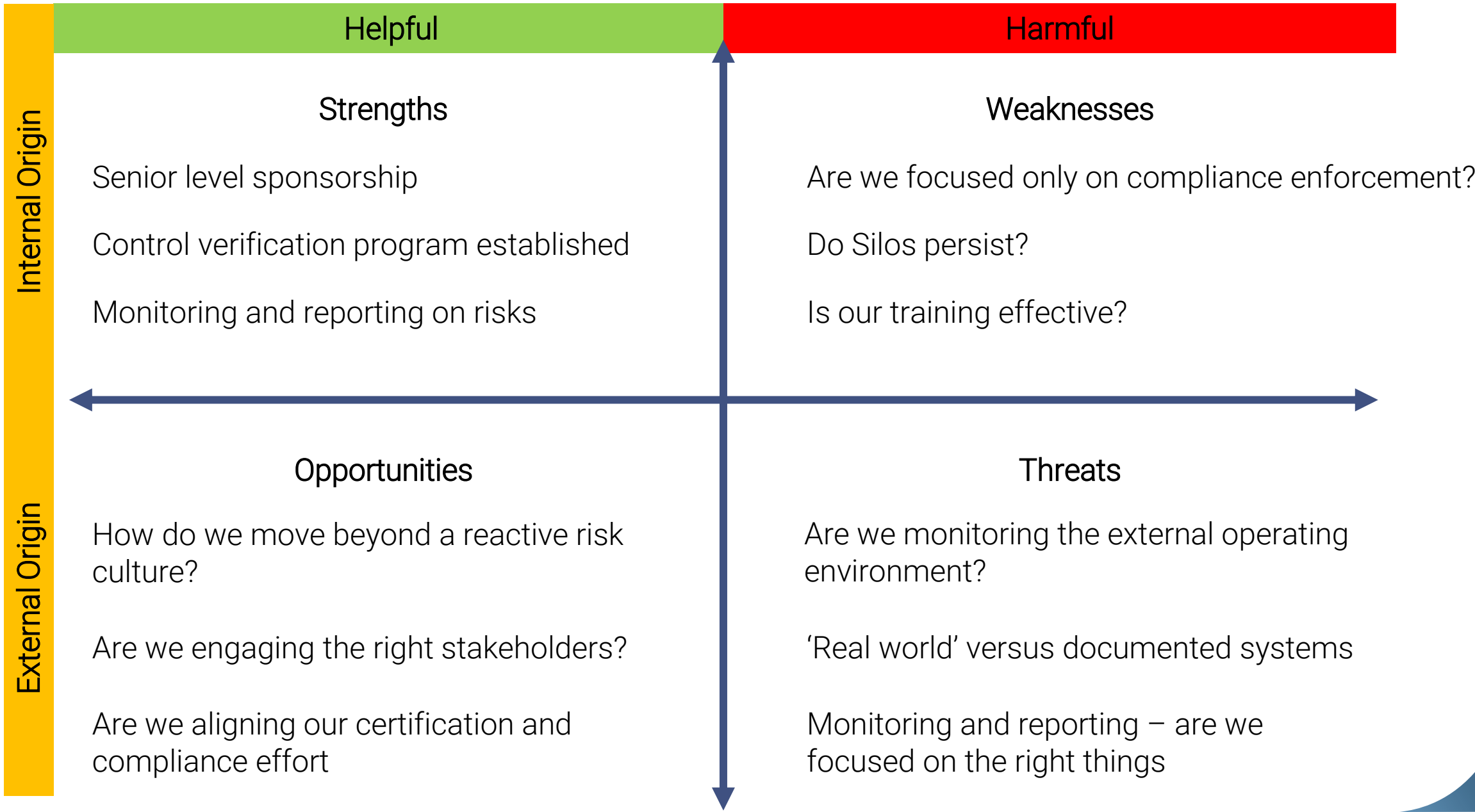
Start by reviewing your risks holistically and deeply understand how your controls relate



What barriers will I need to overcome?

How cluttered is your current risk management system

- Does your business still operate in siloes or have you achieved an appropriate level of integration?
- In what ways have you had to respond to the health pandemic – is this your next normal?
- What data do you have that can help you shape a lighter and more responsive risk management system?


Helpful
Harmful
Internal Origin
External Origin
Strengths
Senior level sponsorship
Control verification program established
Monitoring and reporting on risks
Weaknesses
Are we focused only on compliance enforcement?
Do Silos persist?
Is our training effective?
Opportunities
How do we move beyond a reactive risk culture?
Are we engaging the right stakeholders?
Are we aligning our certification and compliance effort
Threats
Are we monitoring the external operating environment?
'Real world' versus documented systems
Monitoring and reporting – are we focused on the right things

Useful organisational 'checklist': Due diligence obligations, HSWA 2015

Think: 'How do I....'

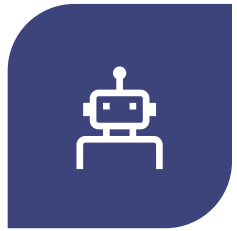
CONTINUOUSLY LEARN ABOUT AND KEEP UP TO DATE WITH WORK HEALTH AND SAFETY ISSUES

UNDERSTAND THE WORK OF THE ORGANISATION

CHECK THE ORGANISATION HAS PROCESSES AND APPROPRIATE RESOURCES TO ELIMINATE OR MINIMISE RISKS TO HEALTH AND SAFETY, AND USES THEM

CHECK THAT THE ORGANISATION HAS PROCESSES IN PLACE TO COMMUNICATE INFORMATION ABOUT WORK HEALTH AND SAFETY AND TO RESPOND TO TOHAT INFORMATION

CHECK THE ORGANISATION HAS PROCESSES IN PLACE TO COMPLY WITH ANY DUTIES AND REQUIREMENTS UNDER THE HSWA, AND USES THEM



VERIFY THAT THESE STEPS HAVE BEEN CARRIED OUT

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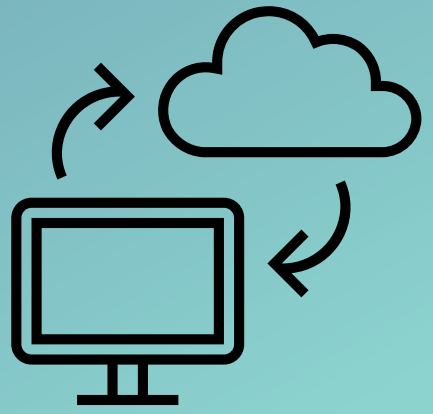
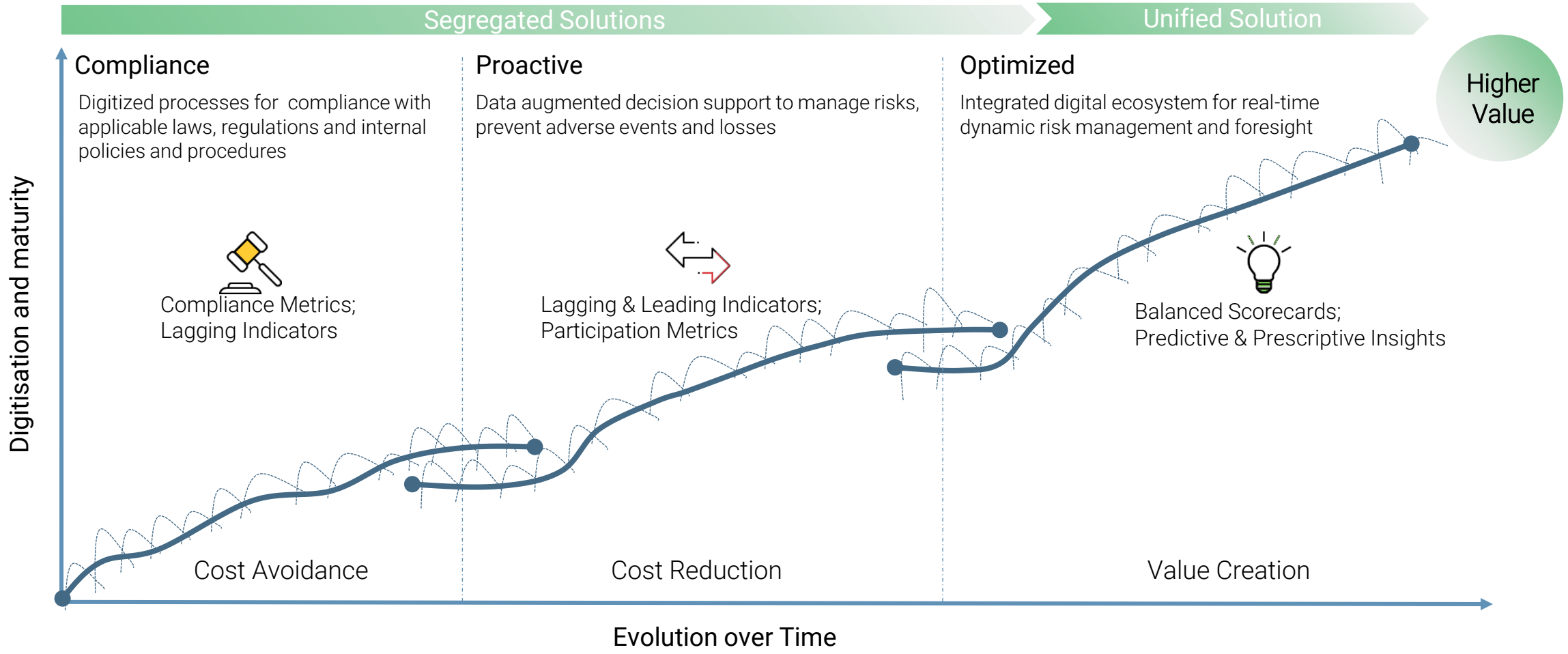


How the use of technology can not only help you demonstrate compliance to regulators but support a risk-based approach for effective and dynamic management of EHS.

Digitisation is not a linear journey



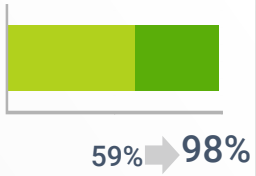
Cloud Software and Mobile App

Modular EHS platform accessible via modern browsers and mobile applications with no IT overhead

Digitise, scale and unify processes

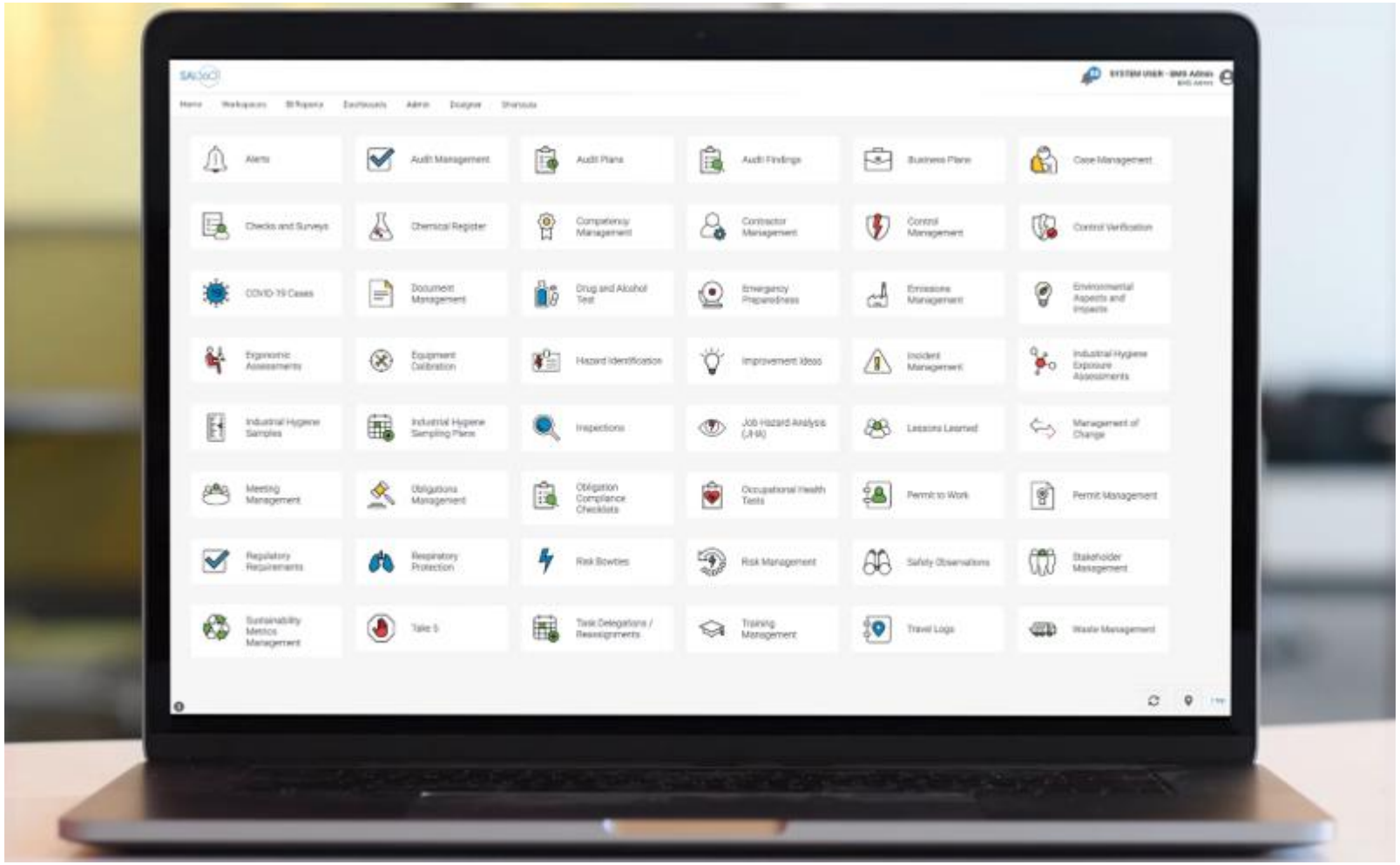
- Operationalise management systems and processes
- Digitised workflows

Average days to complete investigation **dropped by 60%**

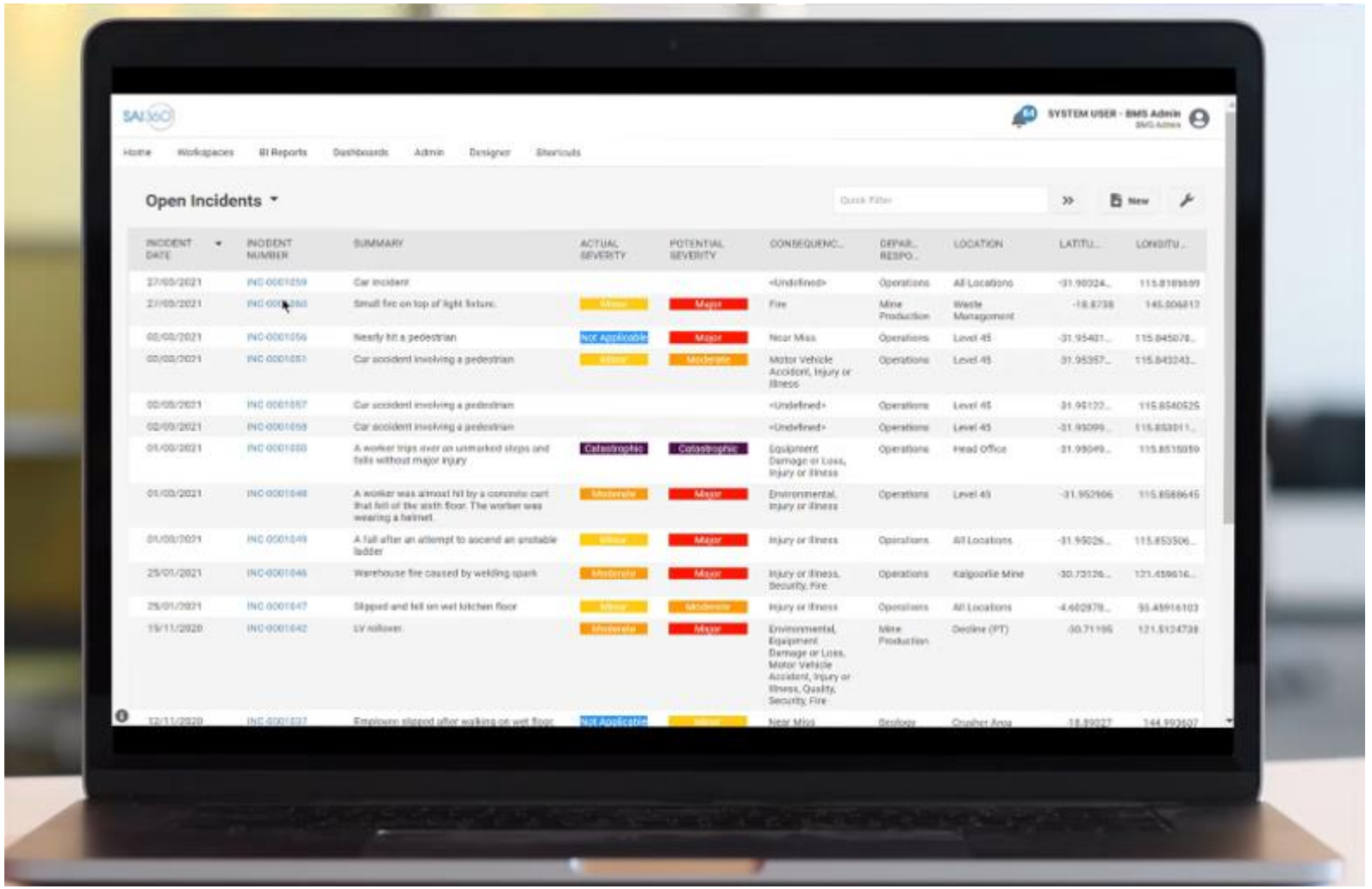


Hazard Close Out Rates from **59% to 98%**

- Reduces data management and administrative burdens



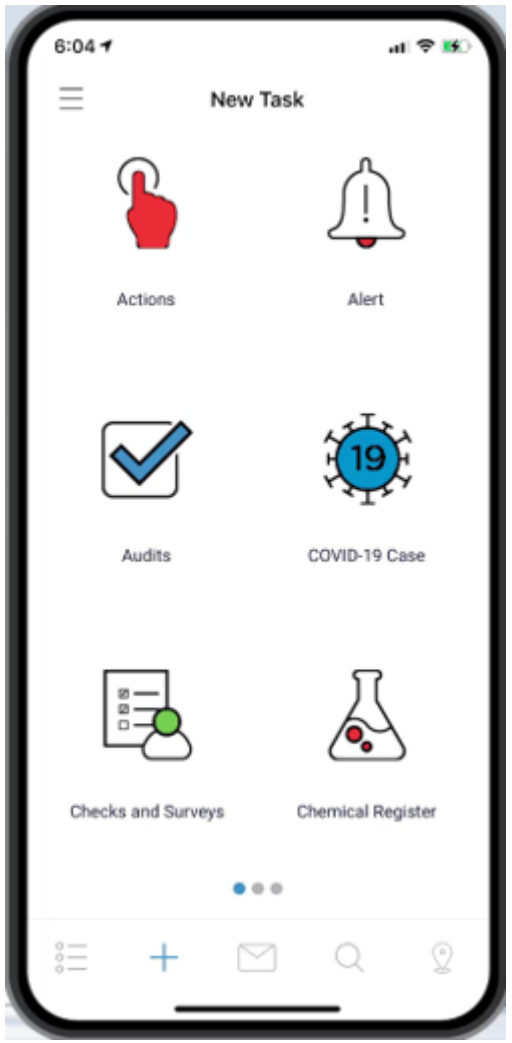
Drive accountability



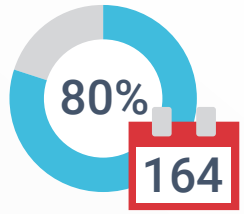
- Automate and assign tasks and actions
- Manage team activities
- Online to-do lists
- Track completion rates

80% Reduction in Open and Overdue Tasks & Actions

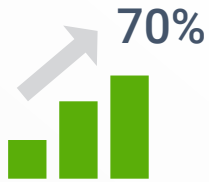
Engagement & communication



- Capture more data, anywhere and faster
- Alerts for real-time communications
- Improves task and action completion
- Location-Aware Information
- Information when and where needed



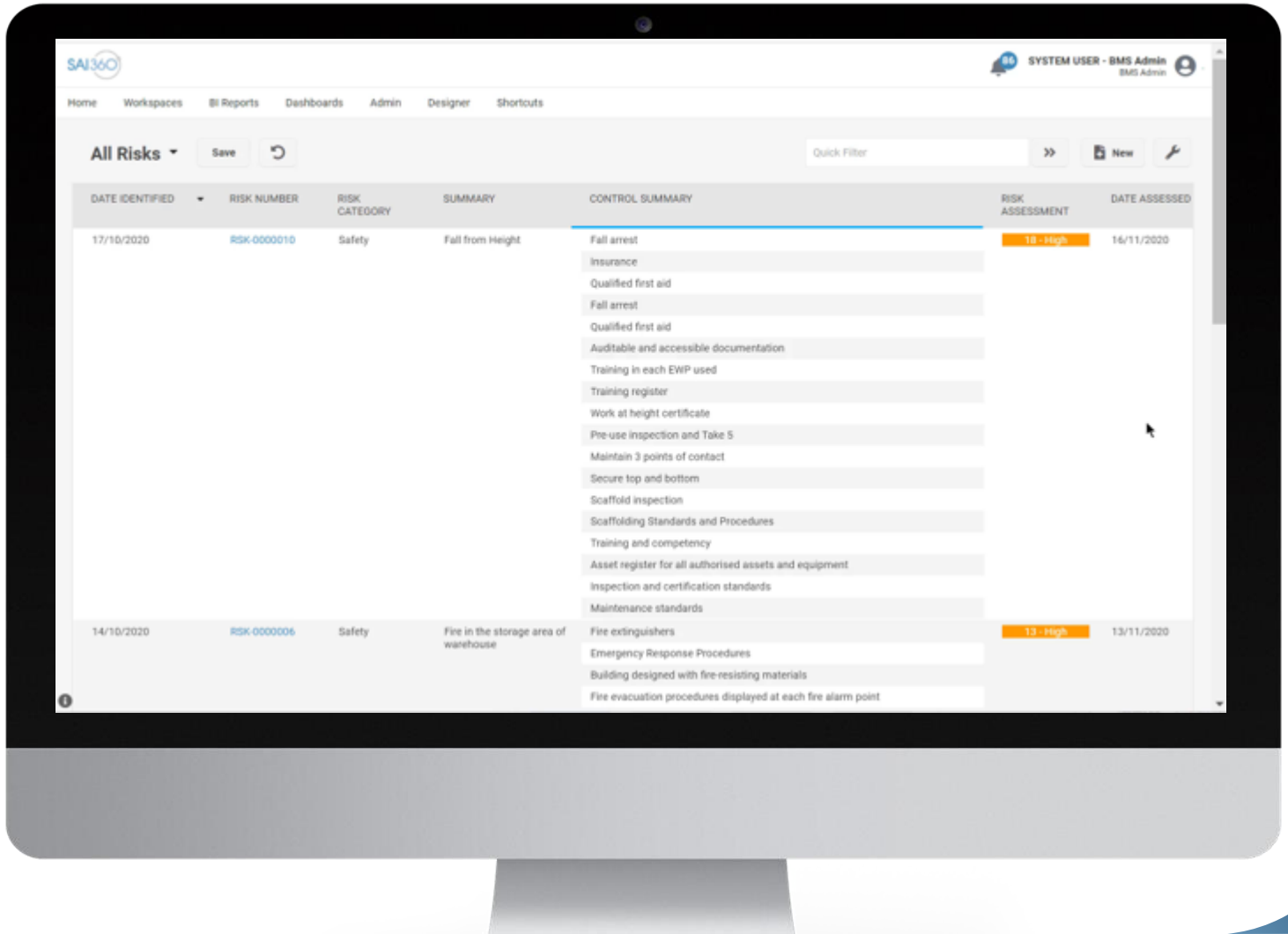
80% Mobile Adoption
Time Savings of
164 Man Days per month



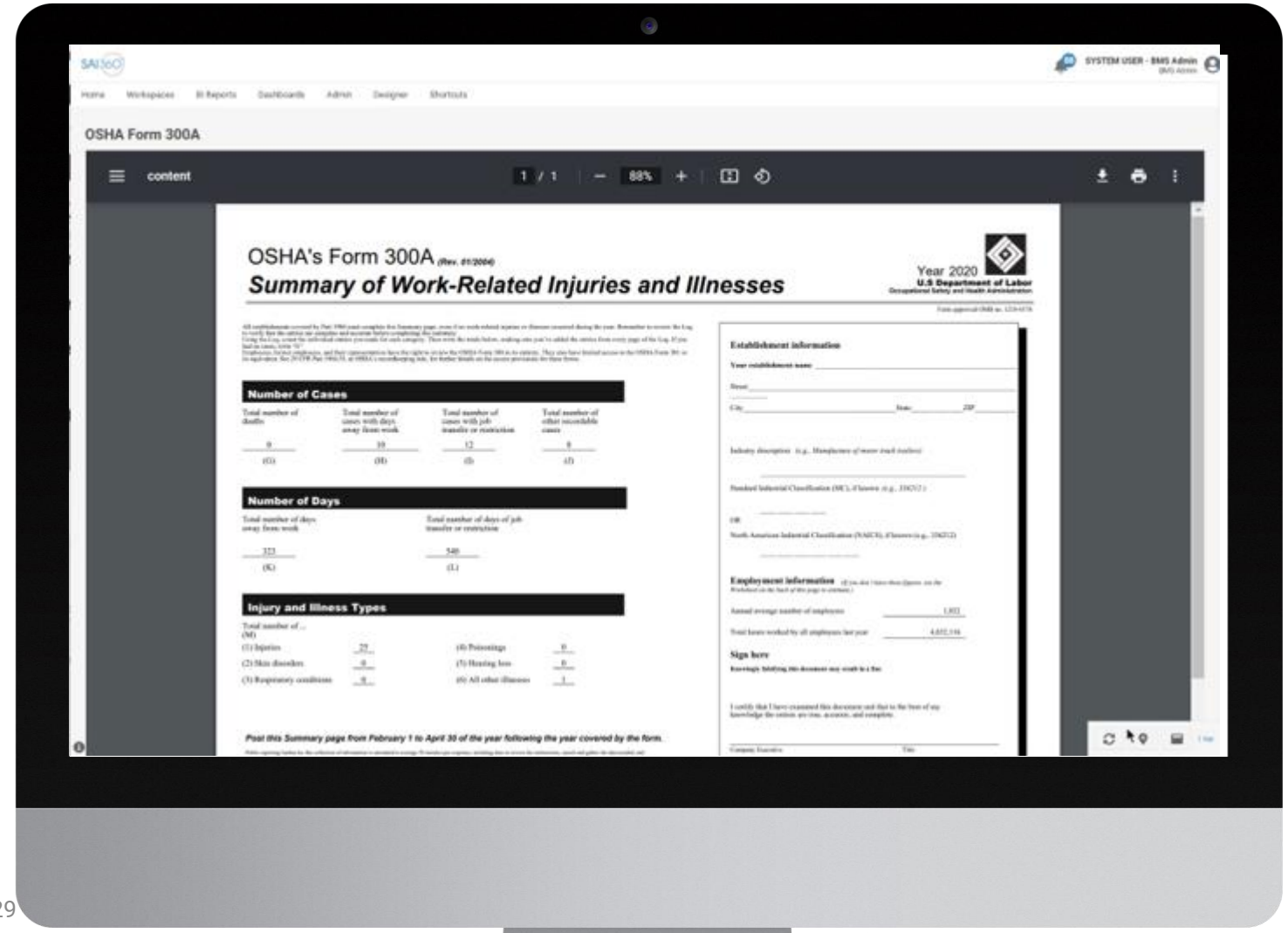
70% increase for
near miss reporting

Control risks and hazards

- Unified view of hazards, risks and controls
- Defined process with continuous reviews
- Easy to visualise
- Focus on critical controls
- Review Performance



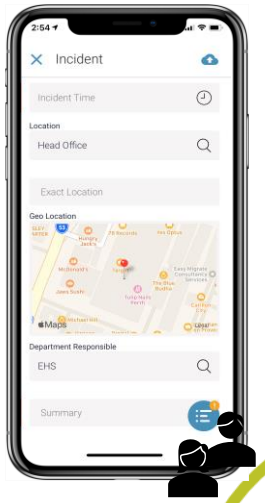
Business intelligence



- Information driven EHS performance improvement

Faster & accurate reporting – from **3 months to 2 weeks** per year

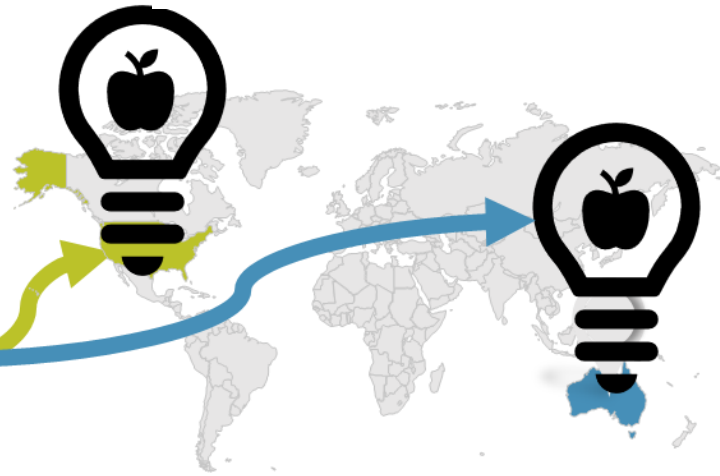
Unified processes brings new data points for a superior measurement framework



Inspections conducted	+1.0
Safety Observations conducted	+1.0
Audits conducted	+1.0
Hazards Identified	+1.0
Take 5s conducted	+0.5
Audit Non-Conformances	-10.0
Inspection Non-Conformances	-1.0
Unsafe Safety Observations	-1.0
Audits with Perfect Score	-0.5
Safety Observations with Perfect Score	-0.1
Incidents – Catastrophic Potential Consequence	-50.0
Incidents – Major Potential Consequence	-30.0
Incidents – Moderate Potential Consequence	-10.0
Incidents – Minor Potential Consequence	-1.0
Incidents – Insignificant Potential Consequence	-0.5
Non-Compliant Obligations	-0.5
Unique People conducting Inspections, Safety Observations or Audits	+1.0

Rationalise

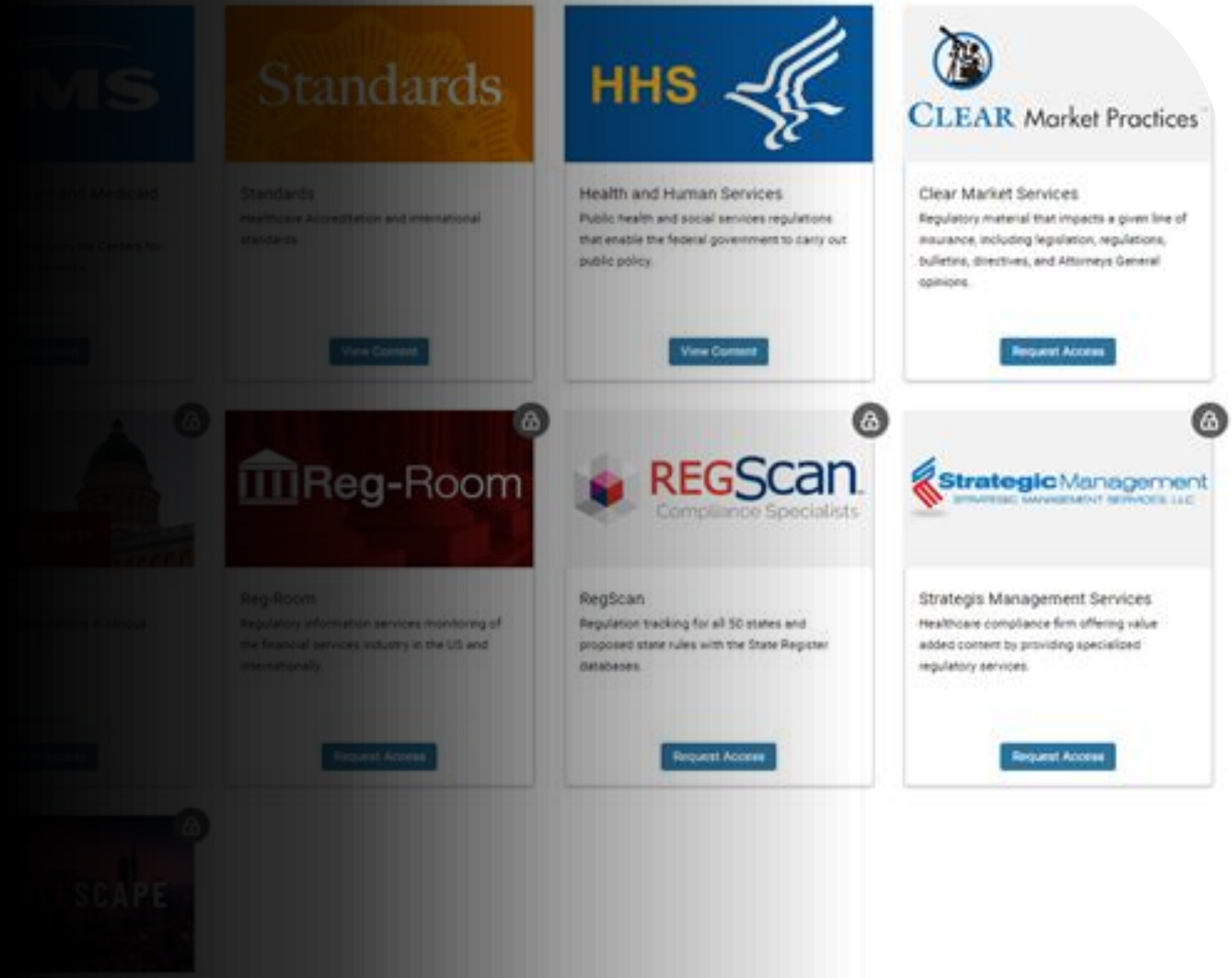
One Score



Risk Indicator by Site

Online Content Databases

Regulatory or SDS online databases



Online Content Solutions

REGULATIONS

OBLIGATIONS

ACTION PLANS

Set Frequency

Task Assignee

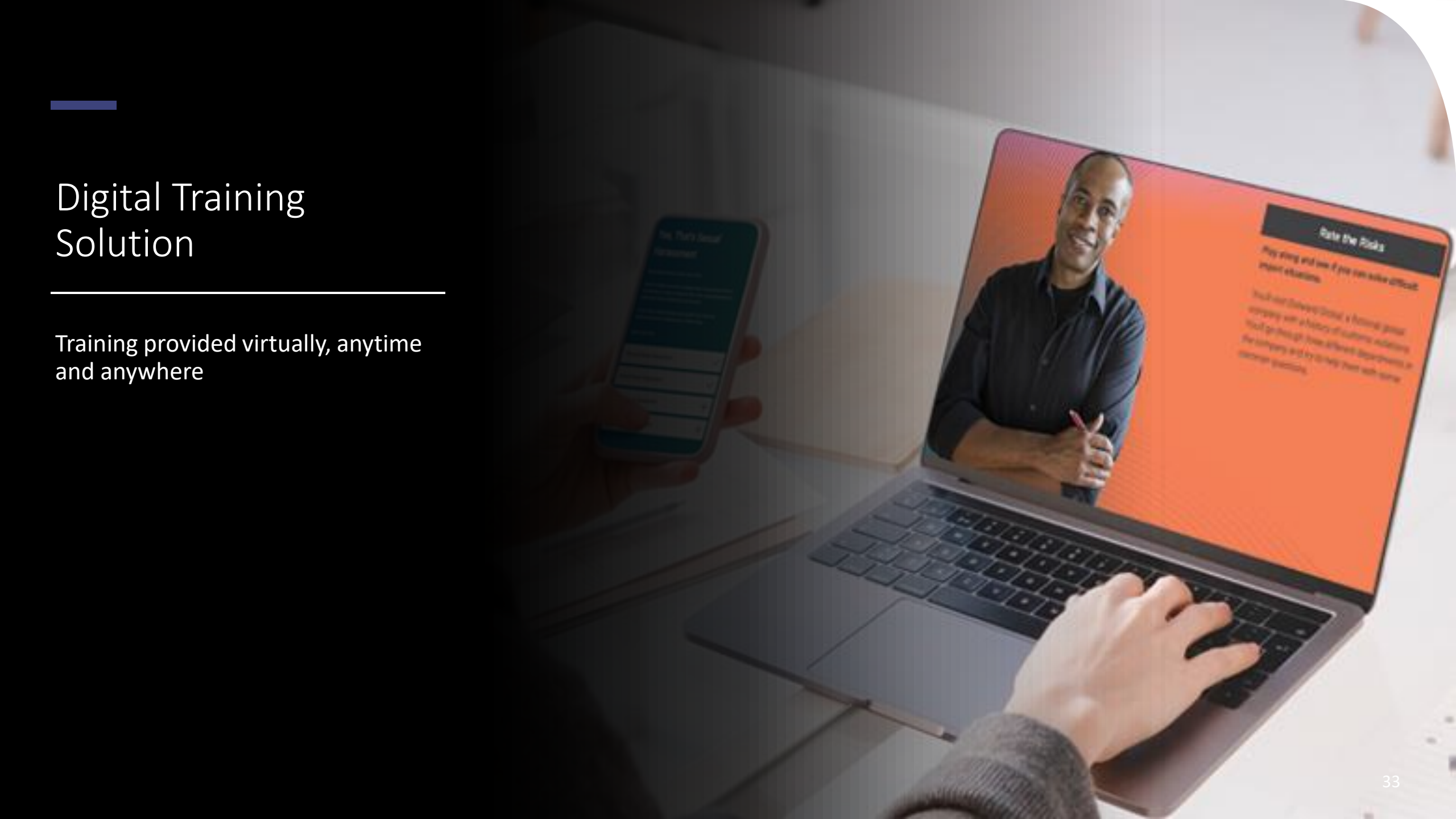
ACTIONS & NOTIFICATIONS

- Regulatory Information In One Place
- Consistent & Transparent

- Automate Tasks To Drive Accountability,
- Set-and-forget And Manage By Exception

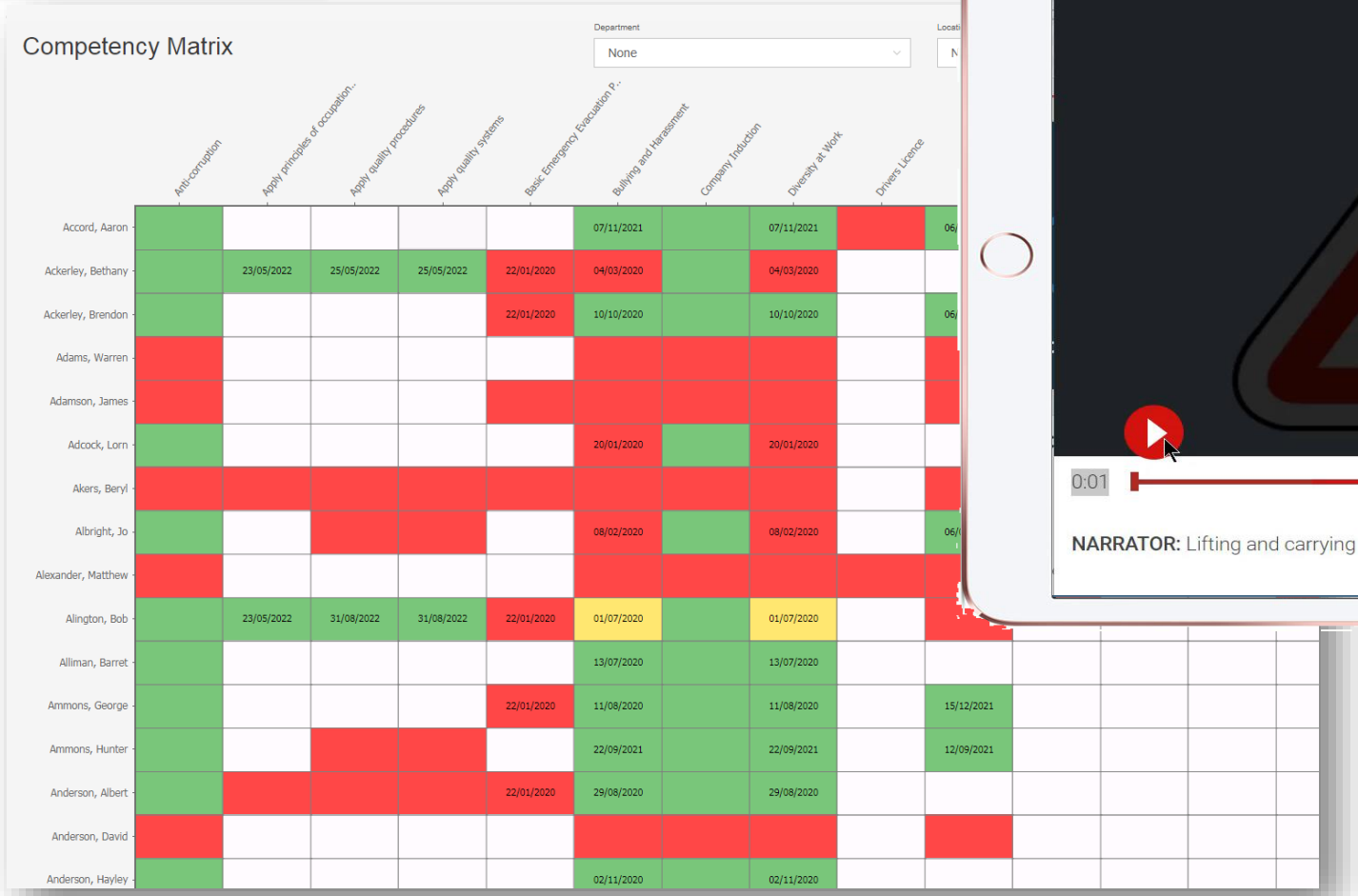
Digital Training Solution

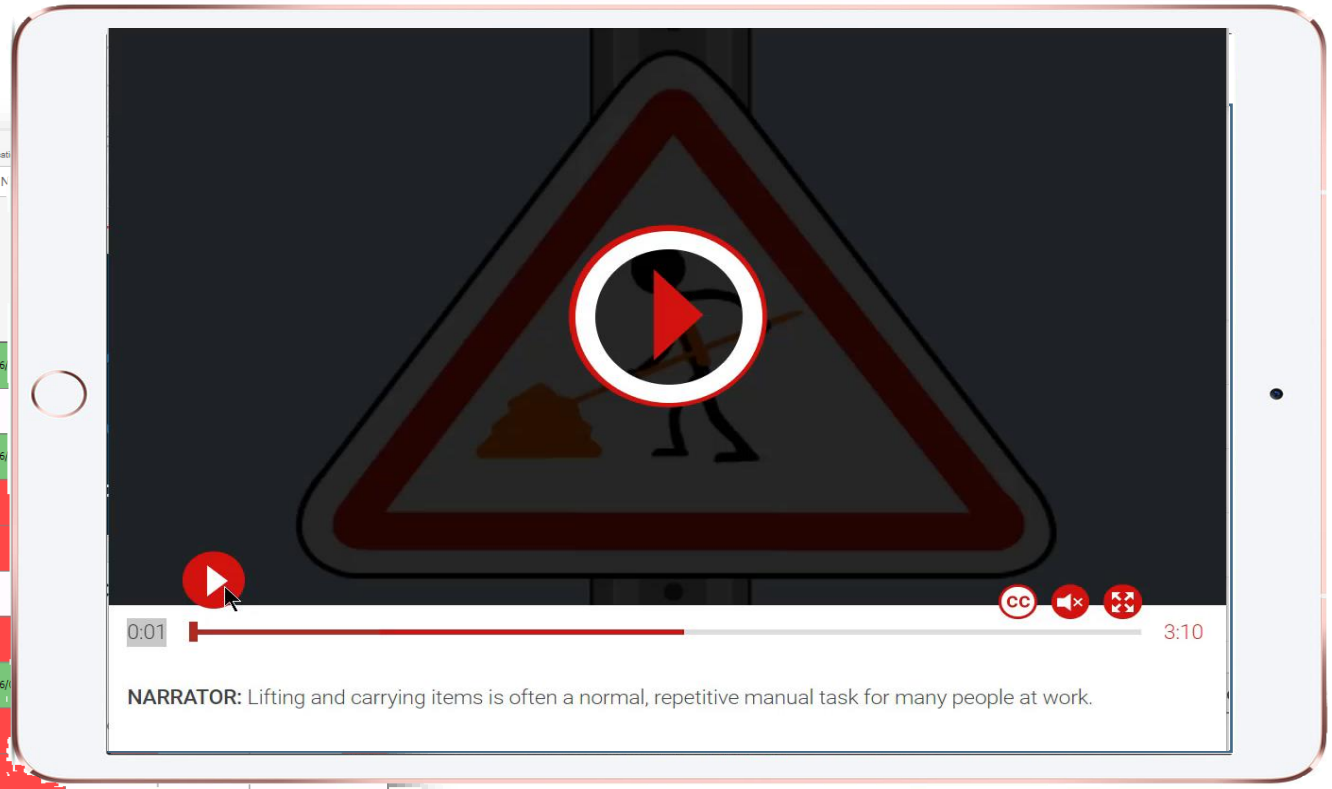
Training provided virtually, anytime and anywhere



Digital Training and Tracking

COMPETENCY & TRAINING TRACKING

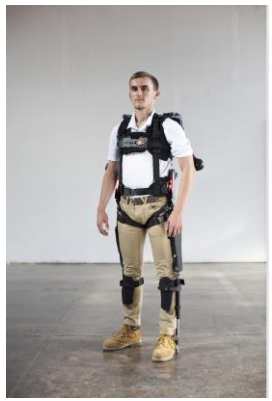




EFFECTIVE AND ENGAGING TRAINING

Internet of Things & Other Innovative Technologies

IIOT, VR, AR and others



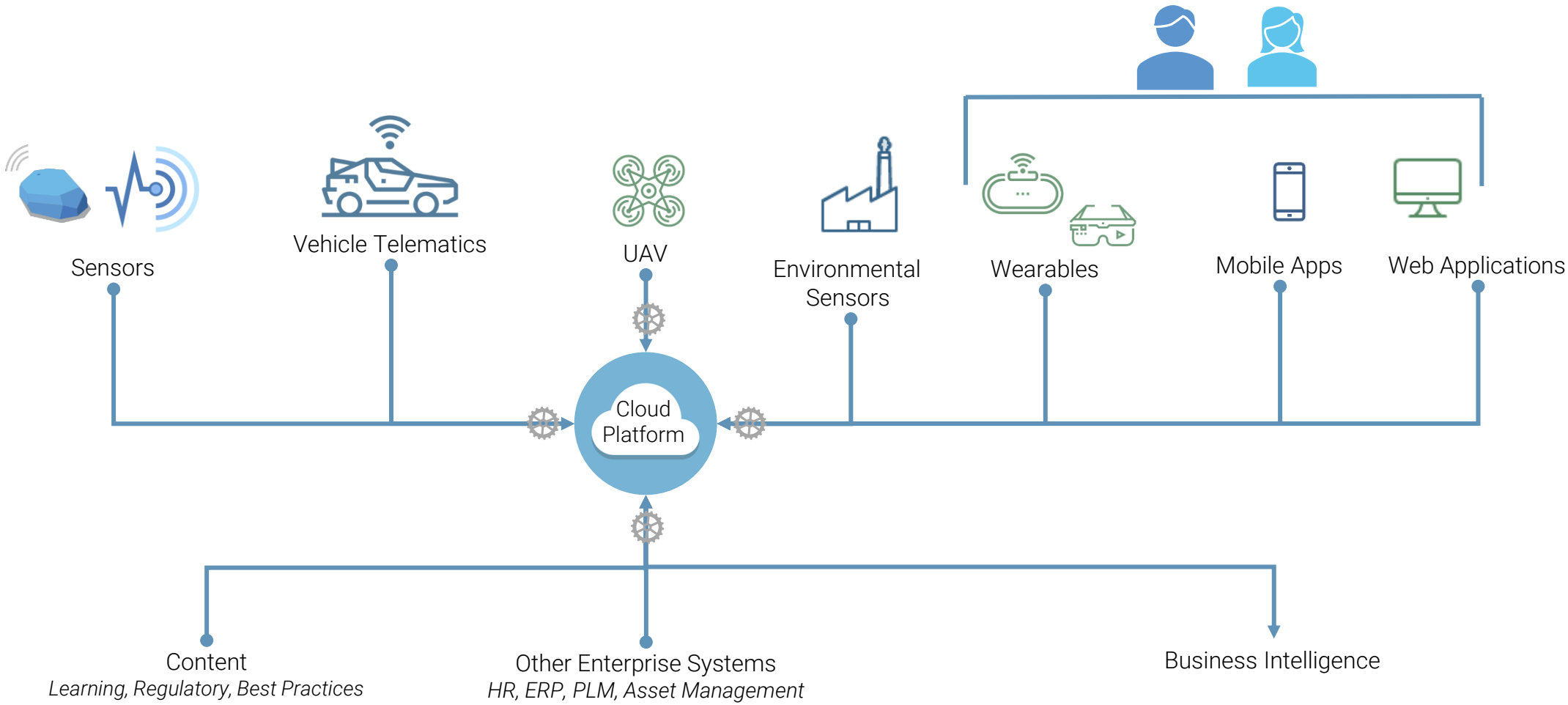
Wearables

Augmented Reality
Virtual reality

Unmanned Aerial Vehicles
(UAVs)

Integrated digital ecosystem

for real-time dynamic risk management and foresight



Insight and foresight

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SAI360

9 SYSTEM USER - BMS Admin
BMS Admin

Home | Workspaces | BI Reports | Dashboards | Admin | Designer | Shortcuts

Elevated Risk of Injuries in the next 30 days at the following sites:

Leading Indicators:

Open Hazards without Corrective Actions (10)

Open Incidents in the last 30 days without Corrective Actions (10)

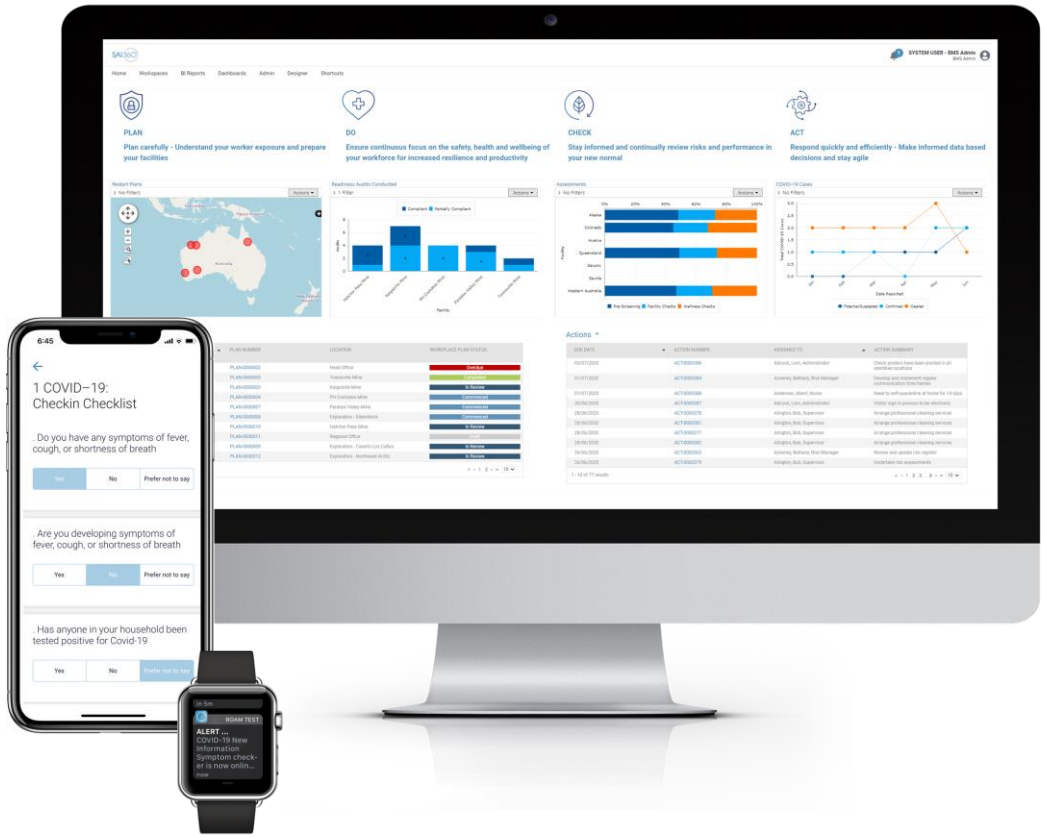
Negative Observations without Corrective Actions (20)

Failed Audits (2)

INCIDENT DATE	INCIDENT NUMBER	ACTUAL SEVERITY	POTENTIAL SEVERITY	CONSEQUE...	DEPARTMENT RESPONSIBLE	SUMMARY
08/02/2017	INC-0000001	Moderate	Major	Injury or Illness, Fire	Corporate	Warehouse fire caused by welding spark
09/02/2017	INC-0000002	Insignificant	Insignificant	Equipment Damage or Loss, Fire	Processing	Burning smell emanating from the cabinets in the substation.
10/02/2017	INC-0000005	Minor	Minor	Fire	Technical Services	Fire in engine room of rig.
10/02/2017	INC-0000004	Not Applicable	Minor	Near Miss	Remote	Fluorescent light fixtures fell from mount on ceiling
10/02/2017	INC-0000003	Minor	Moderate	Injury or Illness	Processing	Back discomfort due to confined space.

Succeeding with EHS Technology

- Focus on your Needs: Identify Your Key Business Challenges & Use Cases
- Articulate Benefits Business Wide: Support & Buy-in from Stakeholders
- Increase Your Understanding Of The Technology Landscape Knowledge
- Work With IT And Align With Your Company's Digital Strategy
- Pilot with a purpose and longer-term goal
- Build Your Roadmap: Future-Proof your adoption
- Obsess About User Adoption: Work With Your Users And Keep It Simple



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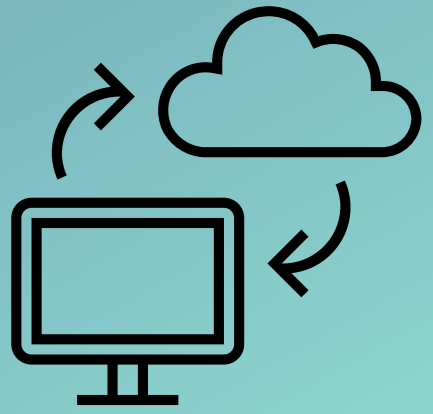

Q&A

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Thank You

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www.saiglobal.com/risk/contact

Visit our EHS Hub for more resources:
https://www.saiglobal.com/hub/environmental-health-and-safety