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Key Takea		MAKOSAFE



#### How do you...

- better understand where risk exists?
- become more proactive & preventative?

- become more proactive a preventative?
  develop participation, engagement, and build culture?
  become more data-driven and strategic?
  relate safety to the C-Suite and Production/Operations?
  make sure you know about things you know happen, but nobody report?

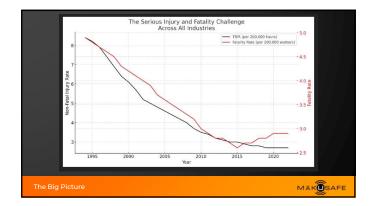
- optimize your safety management process?not waste time and resources, and stay practical?
- use tech to get measurable results fast, without making life more difficult?

























#### \*\*\* My personal re-interpretation of results! \*\*\*

"All employees, at all levels, have clear safety and health goals and responsibilities." 71.6% of respondents not able to strongly agree that everyone has clear safety and health goals.

"Workers in my organization feel comfortable voicing opinions, problems and concerns about safety and health."

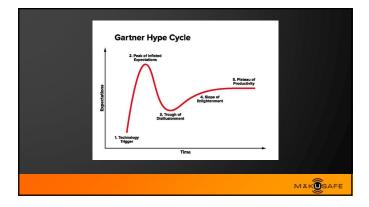
66.8% of respondents did not strongly agree that workers feel comfortable raising safety concerns.

"How engaged is executive leadership in your organization's safety and health mission, goals, and practices?" 6 67.7% of respondents not able to say leadership is very engaged in safety efforts.

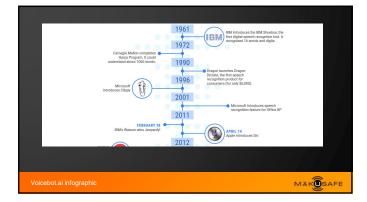














Human and Organizational Performance (HOP) is a science-based approach to looking at mistakes so we can address them more effectively. It builds an understanding of how humans perform and how we can build systems that are more error tolerant.

HOP Definition 1

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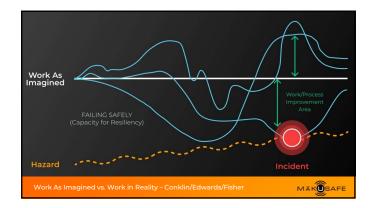
Human and organizational performance (HOP) is a risk focused OPERATING PHILOSOPHY which recognizes that to ERROR is human and that an organization's PROCESSES AND SYSTEMS greatly influence employee actions and choices, and consequently, their likelihood of success.

HOP Definition 2 – ORC/NSC

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### Key Principles of HOP:

- People are fallible, and even the best make mistakes
- 2. Workers are masters at adaptive problem solving



## Key Principles of HOP:

- People are fallible, and even the best make mistakes
- 2. Workers are masters at adaptive problem solving
- 3. Context drives worker actions and behaviors
- 4. Leadership's response to failure matters
- 5. Blame Fixes Nothing
- 6. Improvement happens through learning

Principles of HOP

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Safety? The absence of errors in outcomes, or presence of capacity and resilience in systems to ensure things go well?

Investigations? Only failures, or normal work?

Focus? Containing sources of energy, or engagement participation and learning?

People? The problem to be fixed, or masters adaptive problem solving and therefore the solution to be harnessed?

SHMS? Compliance and bureaucratic accountability upward, or ethical responsibility downward?

What's happening when nothing bad is happening?

Change the work, not the people.

ok Recommendation: Do Safety Differently – Conklin & Dekker









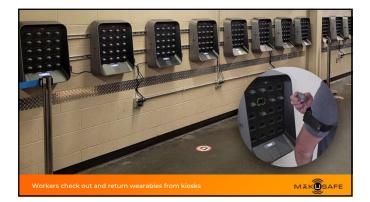
- Reduction in Accidents
   Claim Frequency Down 50%
   Total Claims Down 50%
   Claims severity Down 90%
   ROI estimated at over 1000% +
- Increased Transparency & Communication, Culture Building Increase in "Good Catches / Near-Misses" & reported observations from front lines.
- Uncover Unknowns
   Harness data and sensor technology to discover insights
   previously unavailable.
- Simplify EHS Documentation
  Immediately shows EHS value.
- Safety & Health Management System
   Effectiveness, Efficiency & Productivity Imp

Benefits Realized!

















#### MākuSafe <u>Does Not</u>:

- Collect anything personal (No PII)
- Monitor any biometrics
- Deliver any negative feedback to the worker; haptic, visual, or auditory
- Assume the worker is the problem, or knows what to do to correct it
- Continuously track the individual



Respect For Worker Privacy









#### Client Case Study

- Long standing construction client
- Deploying across numerous large data
- center projects
- ESC & Safety management program reporting to customer helps win projects
- Achieved and maintained 0.0% TRIR on sites where MākuSafe is being used
- 31 months

#### onstruction Case Study



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- Client Case Study done through
- Trucking & transportation
- injuries by 56% in year one.
- They realized \$450,000 in WC savings per site

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- Client Case Study done with NSC
- Nationwide Logistics Organization
- Reduced lost time injuries by 74% in vear one
- Continuous stream of feedback
  from the front lines
- Positive cultural

impact documented

<b>Data Analytics and</b>	Wearables	Employee
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SC CASE STUDY	works	Insc

- Over 335 "good catches" (or near misses) were reported with 82% mitigated
- Reduced Workers Compensation costs by 60% from 2021–2023
- Fewer hours of lost time, fewer trip hazards, and a cleaner, more efficient work area
- Enhanced employee morale
   and engagement

National Council on Compensation Insurance (NCCI) Case St



**LIFE LINE** 

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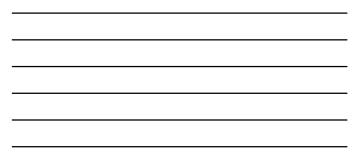
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# Shifting Safety Culture

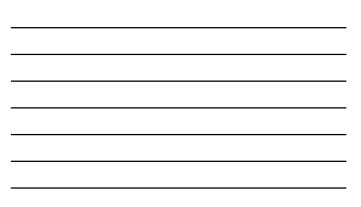
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## Shifting Safety Culture









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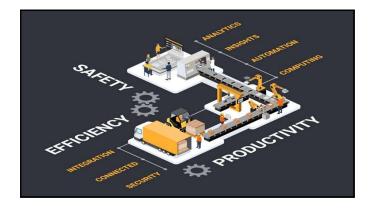


"MākuSafe has delivered a very practical, easy, and useful solution in Scout.

It has helped us <u>reduce forklift-pedestrian interactions by 86%</u> within six months, <u>without sacrificing productivity</u> of drivers or workers on foot.

We have been able to use actionable insights delivered by Scout to re-engineer work processes and eliminate risk!"

- Regional Logistics EHS Manager











By Gabriel Glynn, Mark Frederick, Tom West Copyright 2025, 1st Edition CRC Press

"Technology is available <u>today</u> that automates hazard identification and risk assessment, and provide insights and facus based on EHS leading indicators... However, the mast advanced technology is meaningless without the leadership, culture, and

systems in place to support it. Innovation in safety starts—and succeeds—with people."

Safety and Wearable Technology: Impact, Applications, and Implementation in Industry







get measurable results fast, without making life more difficult?

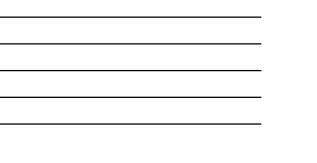
MAKOSAFE

• optimize your safety management process? not waste time and resources, and stay practical?

enhance ESG? DE&I? TWH?

- reports?

- make sure you know about things that happen, but nobody
- become more strategic?
  relate safety to the C-Suite and Production/Operations?
- develop participation, engagement, and build culture?
- better understand where risk exists? become more proactive & preventative?
- Do you believe that tech / wearables can help you...



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