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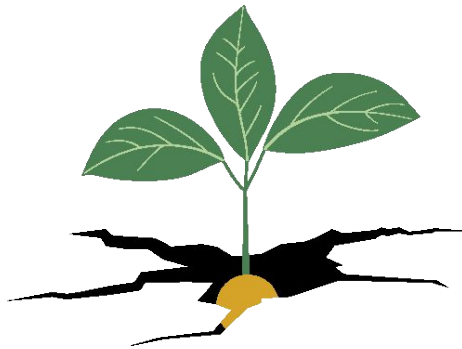
THE BREAKTHROUGH SERIES

How to Spot Real AI Value in Safety Platforms



Craig Bleakley

Safety & Risk Specialist | ecoPortal



Today's Agenda

What we'll cover about AI in EHS solutions

The current state of AI adoption in H&S

01

How to evaluate AI in EHS solutions

including what organisations are asking vendors in RFPs

02

The top 5 barriers to AI adoption

and how to use them to uncover the questions you should be asking

03

Red flags to watch for in vendor responses

04

What value in AI looks like?

Practical insights to help you evaluate AI solutions to maximise impact

05

Q&A

Ask your pressing questions direct to our Product team.

06



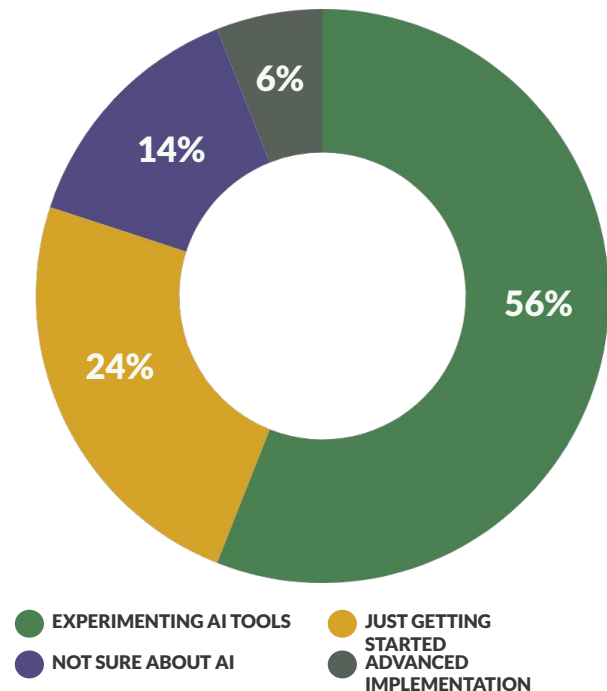


Current State of AI in H&S

What our research tells us about
AI adoption in EHS

Current AI Adoption Levels

Our research shows significant interest in AI for Health and Safety, yet most organisations are still in early experimental stages.



**You don't need to become an
AI expert overnight...**

**you just need to ask the right
questions.**

What Questions are Being Asked?

Top 5 areas of questioning in recent RFPs for EHS solutions.

- Current AI capabilities and applications.
- AI strategy and vision.
- Governance and limitations.
- Implementation experience.
- Specific use cases.



Overcoming Barriers to AI Adoption

Ask smarter questions, avoid hidden challenges,
and choose a solution that's truly practical.

Top 5 Barriers to AI Adoption

- 01 Data security, ethical, and legal risks
- 02 Trust and reliability
- 03 User adoption
- 04 Training needs
- 05 Governance

Data Security, Ethical, and Legal Risks

WHAT'S THE CONCERN?

AI can introduce risks such as bias, privacy violations, and inappropriate decision-making if not properly configured or monitored.

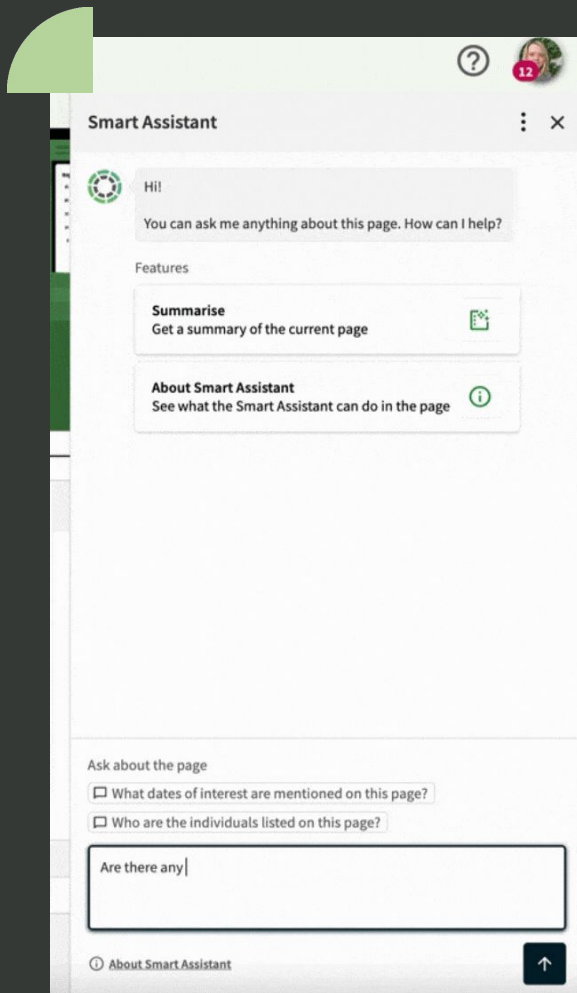
WHAT QUESTIONS SHOULD YOU ASK?

- How do you ensure your AI features adhere to data security and privacy standards?
- How are ethical risks (e.g. bias, fairness, discrimination) monitored and addressed?
- How is human oversight built into AI-driven decisions or recommendations?
- Can we prevent Personal Identifiable Information from being processed by AI features?
- Can we see a clear record of what data the AI accessed to generate its output?

Data Security, Ethical, and Legal Risks

WHAT TO EXPECT FROM YOUR VENDOR?

AI must have clear guardrails, including strong governance, human oversight, and transparency.



Trust and Reliability

WHAT'S THE CONCERN?

Employees may fear AI will replace jobs, monitor their every move, or make safety recommendations they can't or don't trust.

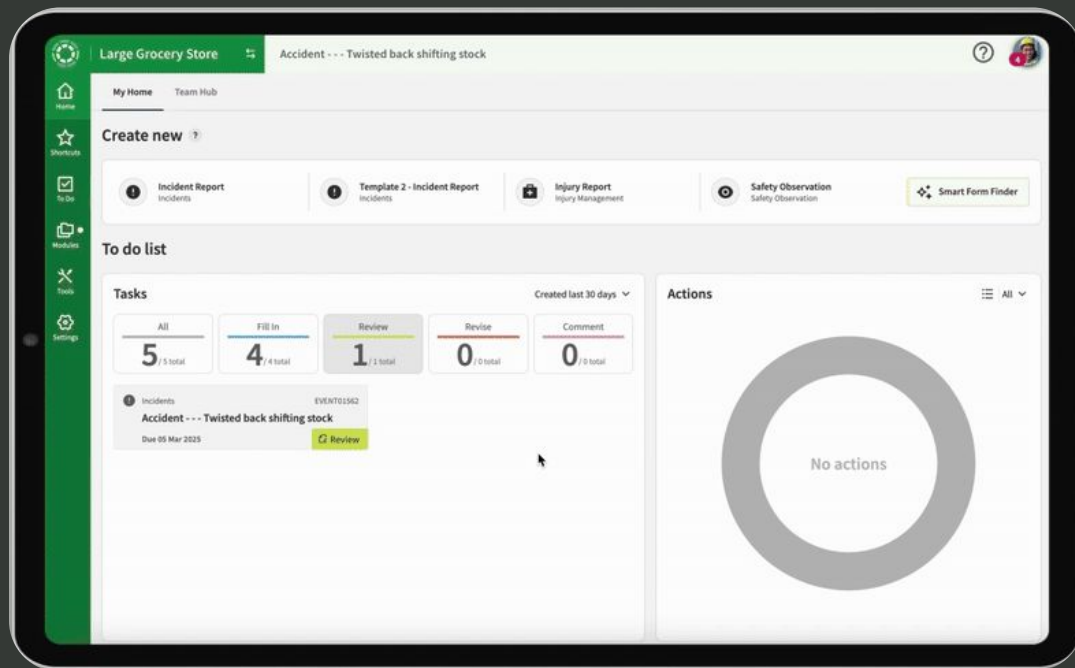
WHAT QUESTIONS SHOULD YOU ASK?

- What measures are in place to ensure AI is delivering reliable outputs?
- Do humans remain in control of decision-making, or can the AI act autonomously?
- Can users easily understand and trace how AI came to a conclusion or recommendation?

Trust and Reliability

WHAT TO EXPECT FROM YOUR VENDOR?

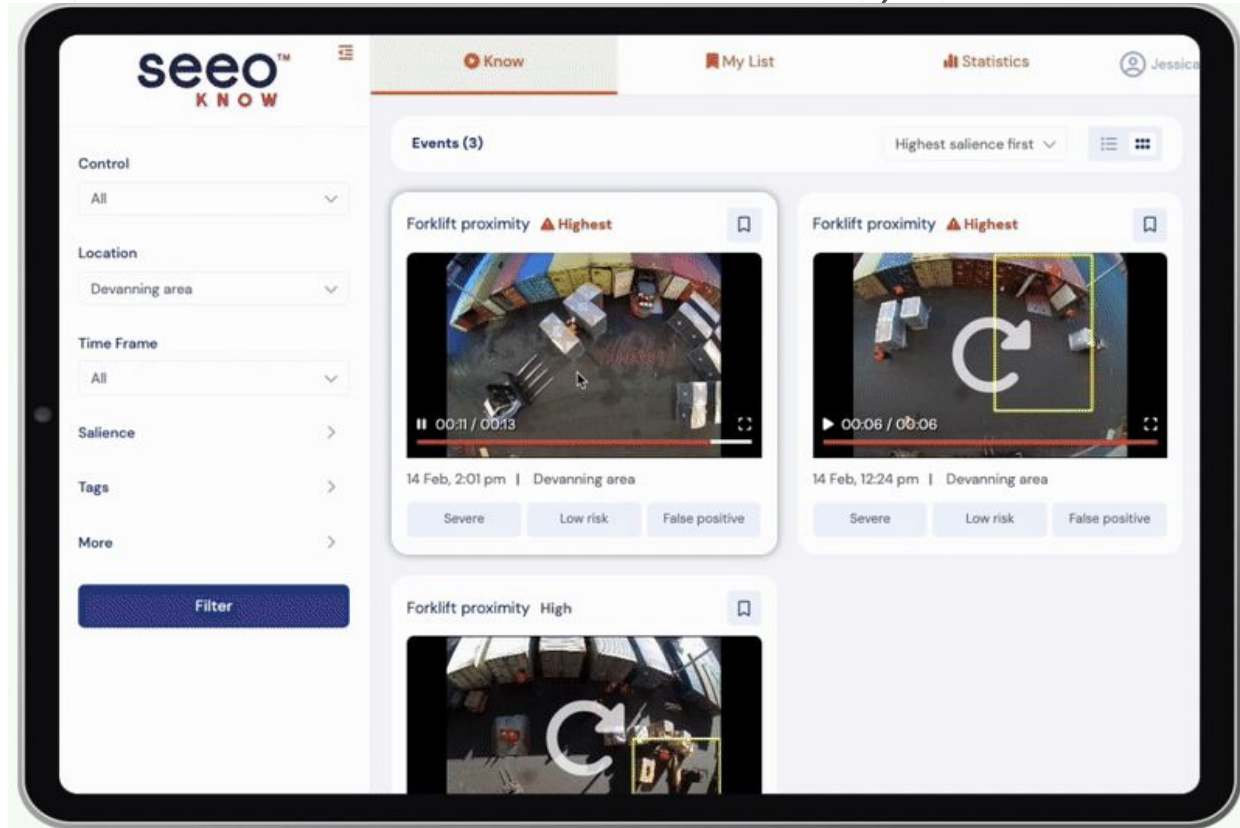
Transparency and clear communication about how AI operates and its decision-making processes are crucial, while human oversight ensures AI builds trust rather than resistance.



Success Story

We partnered with Nexus Logistics to integrate their AI-powered computer vision tool ([Seeo.ai](https://seeo.ai)) with ecoPortal.

- 25 near-deaths in the first 3 hours
- Human's triage incidents and send them to ecoPortal



User Adoption

WHAT'S THE CONCERN?

AI features risk becoming underutilised or ineffective. People are concerned about how staff will adapt to using AI, especially those with older demographics.

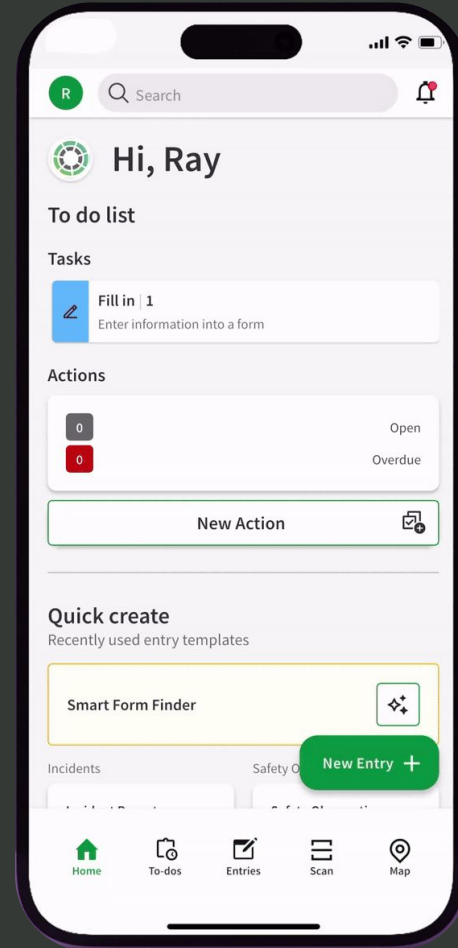
WHAT QUESTIONS SHOULD YOU ASK?

- How are your AI features designed to improve engagement, not just efficiency?
- Are your AI features geared towards being mobile and frontline-friendly?
- Do you have any specific features that aim to improve adoption or safety engagement?

User Adoption

WHAT TO EXPECT FROM YOUR VENDOR?

If people aren't engaging with your existing safety processes, layering AI on top won't magically fix that.



Training Needs

WHAT'S THE CONCERN?

People worry about skills gaps, effective training, and integrating AI without adding complexity.

AI sounds expensive and complex, often requiring IT expertise.

WHAT QUESTIONS SHOULD YOU ASK?

- How intuitive are your AI features—do they require any technical training?
- Is there in-app guidance or support to help users understand and adopt AI features?

Training Needs

WHAT TO EXPECT FROM YOUR VENDOR?

Organisations can lean on their EHS vendors to provide AI-powered solutions that are already integrated, removing the need for costly custom development or external consultants.

Close Stage 1 of 3

Incident Report
Report

Actions 0

Page Heading

Location: *
Gold Coast
Set Location

Key words for title: *
Thumb in door
13/40

Actions
Create Action Actions: 0

Save Progress Submit

ecoPortal embedded
Voice-to-Text

Governance

WHAT'S THE CONCERN?

Organisations are often lacking appropriate controls and policies around safe and effective AI use.

Or when policies are in place, organisations don't always have access to the information they need from their vendors to ensure these are being met.

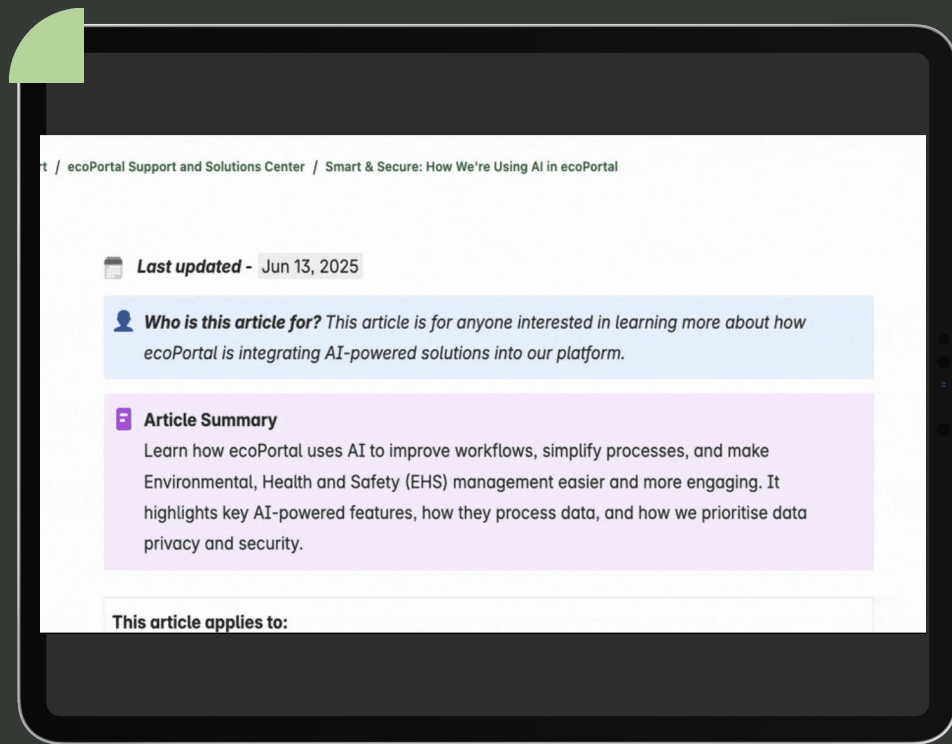
WHAT QUESTIONS SHOULD YOU ASK?

- Do you provide clear documentation about your AI features and how they are monitored?
- Can you explain what data the AI uses, how it's processed, and who has access to it?
- How does your AI capabilities align with our organisation's AI usage policy or governance framework?

Governance

WHAT TO EXPECT FROM YOUR VENDOR?

To support safe and effective use of AI, vendors should make it easy for you to understand how their platform's AI features work.



ecoPortal
Knowledge Base



Red Flags to Watch for in Vendor Responses

What should you be wary of in the evaluation and selection process?

BE WARY OF

Vague or overly generic AI claims.

BE WARY OF

Disconnected systems that make insights hard to access.

INSTEAD

Ask for specifics, real use cases, and live demos of features in action.

INSTEAD

Select a vendor with a single, unified platform, not a patchwork of acquired systems. Only when your data is connected and accessible can you truly maximise the impact of AI.

BE WARY OF

No clear governance.

BE WARY OF

AI that adds complexity or doesn't solve real problems

INSTEAD

Check for built-in safeguards, such as guard rails and human oversight, as well as alignment with your own AI principles.

INSTEAD

Prioritise intuitive tools that fit naturally into existing processes, with AI strategies that solve real-world problems.

BE WARY OF

Lack of transparency about how AI decisions are made.

BE WARY OF

A roadmap full of promises but no working features.

INSTEAD

Choose vendors who explain how their AI works, what data it uses, and how it's monitored and reviewed.

INSTEAD

Ask to see what's working now, and choose vendors who show an ongoing commitment to improvement.

AI is not a matter of release and forget.

The screenshot displays the 'Incident report' interface for 'RISK-00289 | Incidents'. At the top, a header bar includes a pencil icon for editing, a 'Fill in Investigation' status, a 'Due' date of 'Thu, 24 Nov 2021, NZST', and user avatars. Below this, a green bar contains the title 'Incident report' and an 'Editing' dropdown menu. A progress bar shows three steps: 'Report' (checked), 'Investigation' (active), and 'Conclusions' (3). Filter buttons for 'Special case', 'Auckland', 'Wellington', and 'Main Quarters' are present. The 'Analysis' section, titled 'Incident Summary', contains two paragraphs of text describing a fire incident. A notification bubble at the bottom right states 'New information available, update the field' and points to an 'Update' button with a circular arrow icon.

Fill in Investigation Due Thu, 24 Nov 2021, NZST

Incident report RISK-00289 | Incidents

Editing

Report Investigation Conclusions

Special case Auckland Wellington Main Quarters

Analysis

Incident Summary

Incident Summary ?

At approximately 11:45 AM, a small fire broke out in the break room due to unattended food left in the microwave by Thomas Gray. The microwave overheated, igniting the contents and causing smoke to fill the room. Karen Patel, Office Assistant, noticed the smoke and immediately alerted the staff.

The fire was quickly extinguished by using the fire extinguisher located nearby, and no injuries occurred. The fire department was not called as the situation was under control. Maintenance was notified to assess any damage to the microwave and ventilation system. A reminder about kitchen safety protocols has been sent to all employees.

New information available, update the field

Update

**Good AI in EHS should
meet your people where
they are.**

Our research shows that organisations are asking for support with the basics:

Engagement-focused features

01

Unified platform architecture

02

Continuous evolution

03

04

Governance framework

05

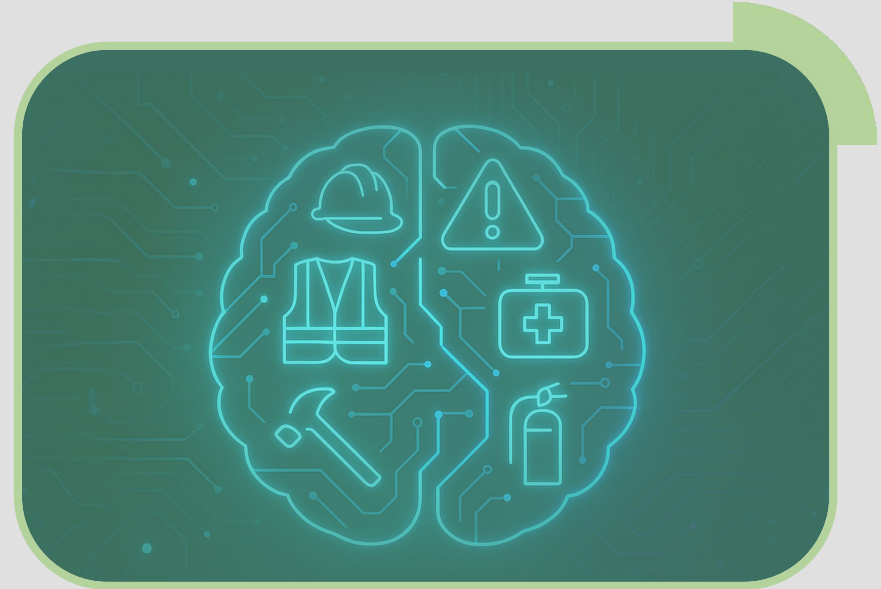
Practical adoption path



Successful AI implementations won't replace human-led safety culture

They'll enhance it.

Making safety more integrated, proactive,
and human.



**Want to
Learn More?**

BOOK A FOLLOW UP SESSION



WEBINAR

**Thursday 26 June, 2025 | 12 noon AEST, 2pm NZST |
1hr**

Cybersecurity and Safety in the Age of AI



Brian McKay
Senior Investigator/
Trainer, ICAM Australia

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Health and Safety
Engagement Software

Questions?



Daniel Alexander

Chief Strategy & Product | ecoPortal



Arthur Nagot

AI Lead & Business Analyst | ecoPortal

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