
AI IN SAFETY:
THE GOOD ★ THE BADASS ★ THE SLOPPY
A SAFER TOMORROW
Identify Hazards
Assess Risks
Implement Controls
Verify Effectiveness
Keep People Safe
SAME CREW TOMORROW
SAFETY TRAINING
HAZARD IDENTIFICATION
RISK CONTROLS
PEOPLE FIRST
ERROR...
FILE_NOT_FOUND
????????
TEMPLATE_V3_FINAL2
CORRUPTED.DOC
?????
SYSTEM_FAILURE...
FINAL_V2
FINAL_FINAL
RISK ASSESSMENT TEMPLATE
BROKEN

Every medium shapes how we see the world.

AI is a medium too.

Clarity is courage

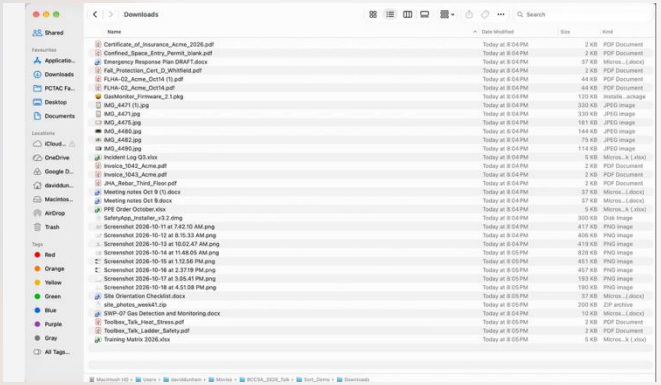
Neil Postman


THE GOOD
THE BADASS
THE SLOPPY



AI slashes admin time

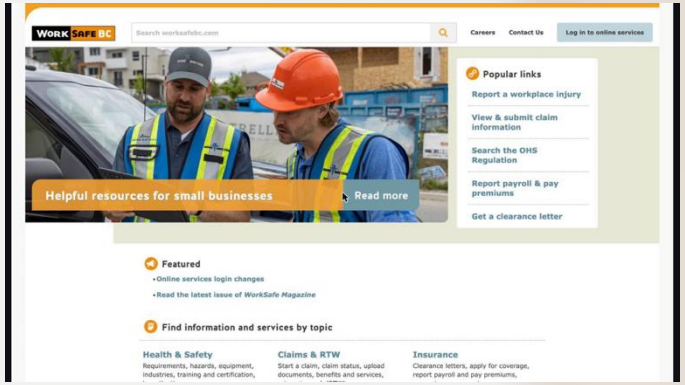
1 Sort it



2 Make it a skill



3 Hand it off






N
SITE PLAN
PHASE 2 LAYDOWN
SHEET C-101
REV 4

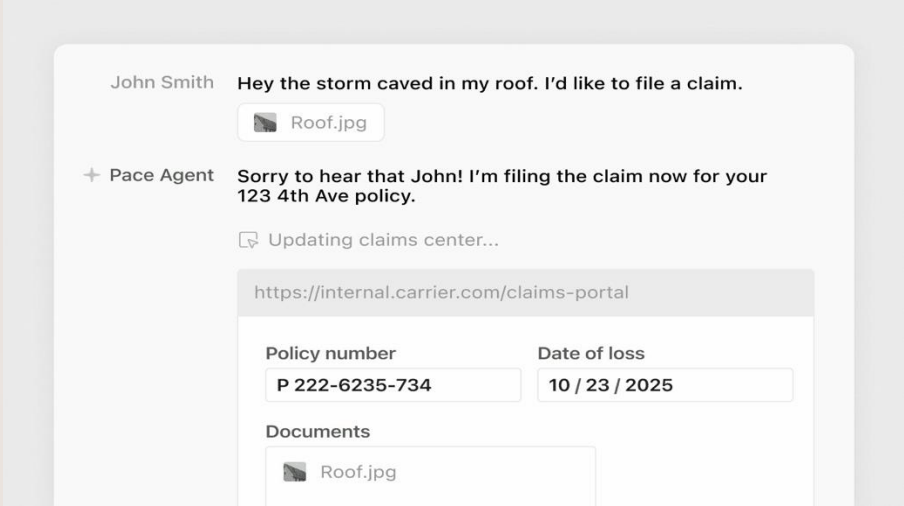

HAZARD ASSESSMENT




The admin tax
ISNetworld
Avetta
Veriforce
ComplyWorks
SafeContractor
Highwire
Contractor Safety
GoContractor
TradeTapp
Procore Prequal
COMPASS
SITE PLAN
HAZARD ASSESSMENT

Give it to a computer

This isn't just safety



Insurance: Pace

Agents file claims in carriers' legacy portals. Palomar's COO says over 90% of cases resolve resolve without a human touch.

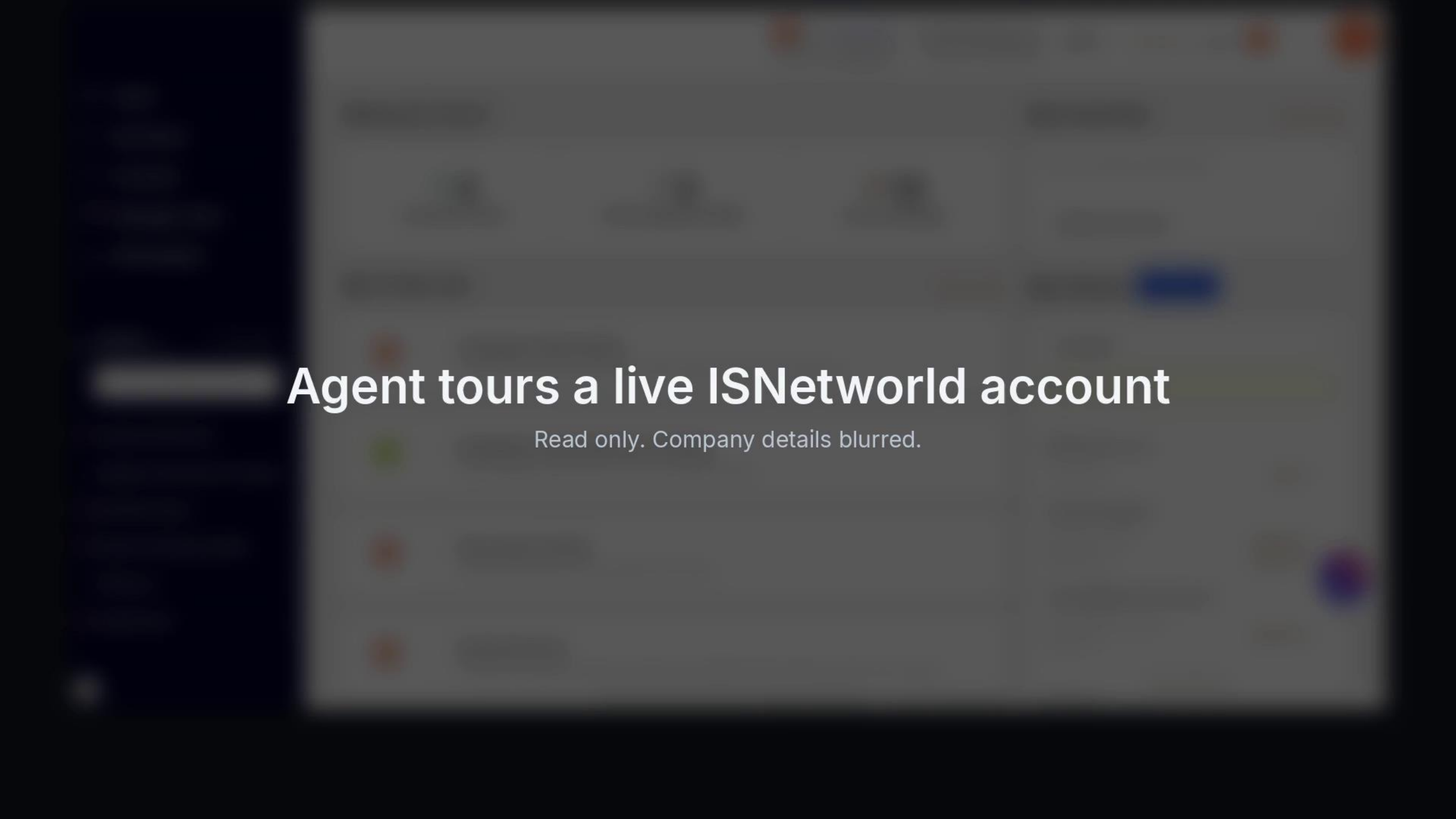
withpace.com; FinTech Global, June 2026



Healthcare: Asteroid

Computer-use agents pull records out of hospital hospital systems. One workflow covers 85,000+ 85,000+ patients.

asteroid.ai, August 2026


Agent tours a live ISNetworld account
Read only. Company details blurred.




N
SITE PLAN
PHASE 2 LAYDOWN
SHEET C-101
REV 4


HAZARD ASSESSMENT





Practitioners need to design Safety's AI future






N
SITE PLAN
PHASE 2 LAYDOWN
SHEET C-101
REV 4


HAZARD ASSESSMENT



How might we design our AI future?

AI skills that fail safely

Workflows that stop and ask a person

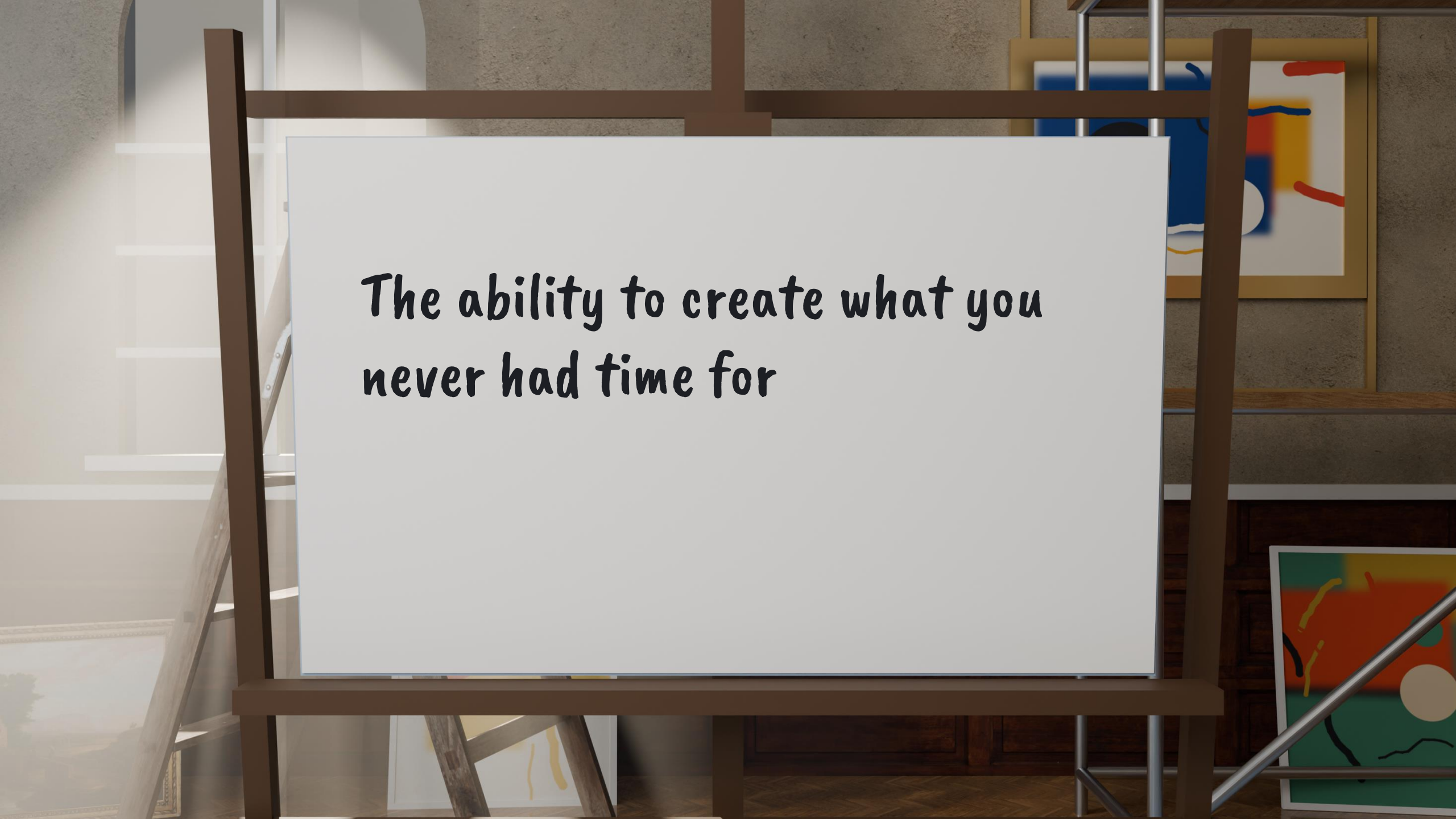
Workflows employers can trust




N
SITE PLAN
PHASE 2 LAYDOWN
SHEET C-101
REV 4


HAZARD ASSESSMENT


THE GOOD
THE BADASS
THE SLOPPY


The ability to create what you never had time for

2

4

1

5

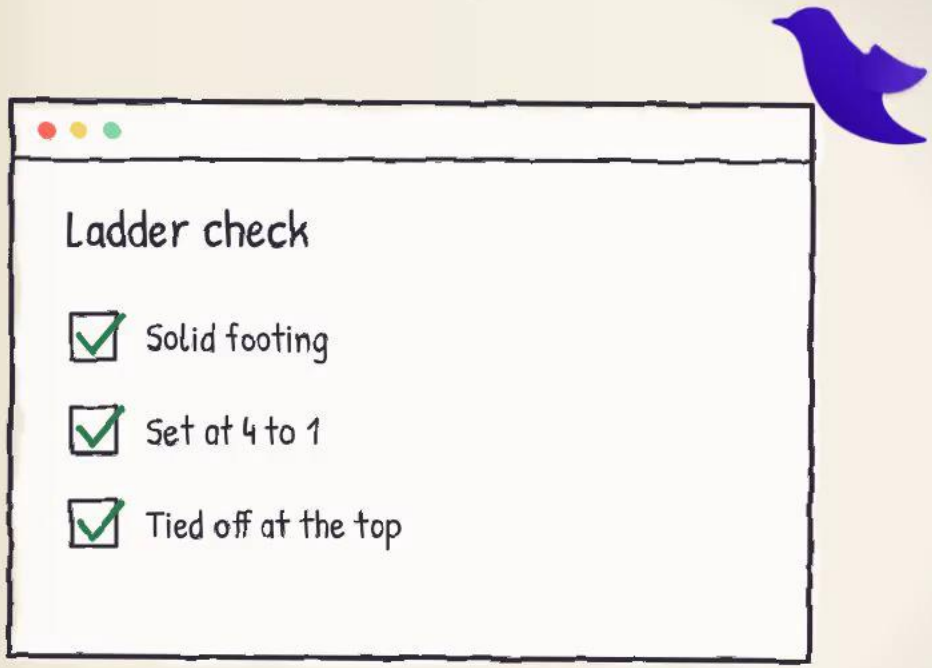


It started with
a spreadsheet formula.

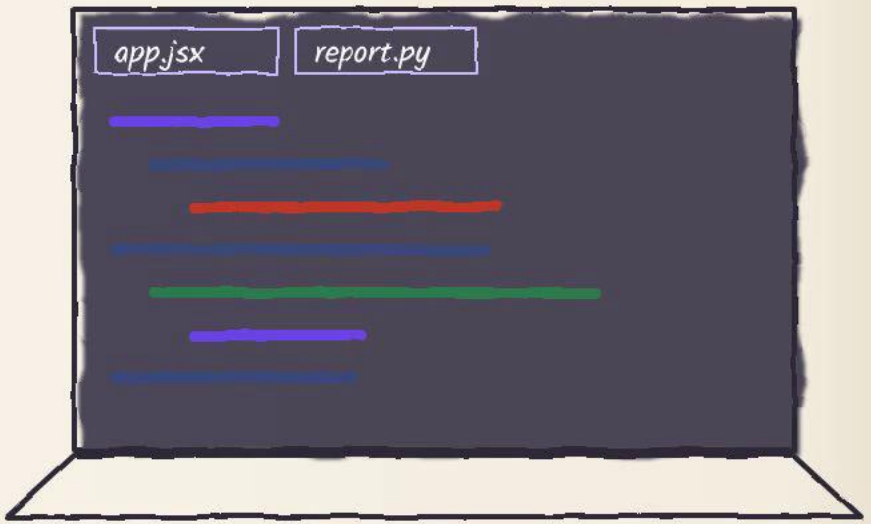
```
=IF(C4>3, "Review", "OK")
```

Task	Crew	Hazards	Score	
~	~	~	2	OK
~	~	~	4	Review
~	~	~	1	OK
~	~	~	5	Review

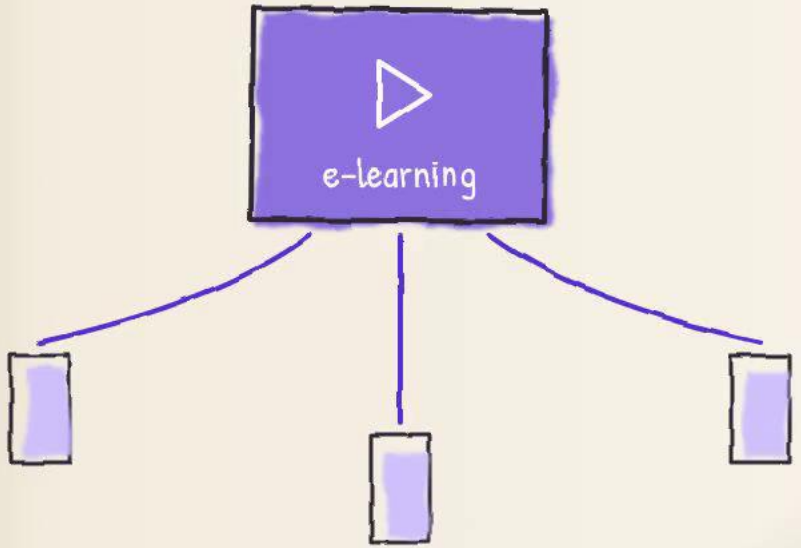
Then simple tools
I could use in safety.

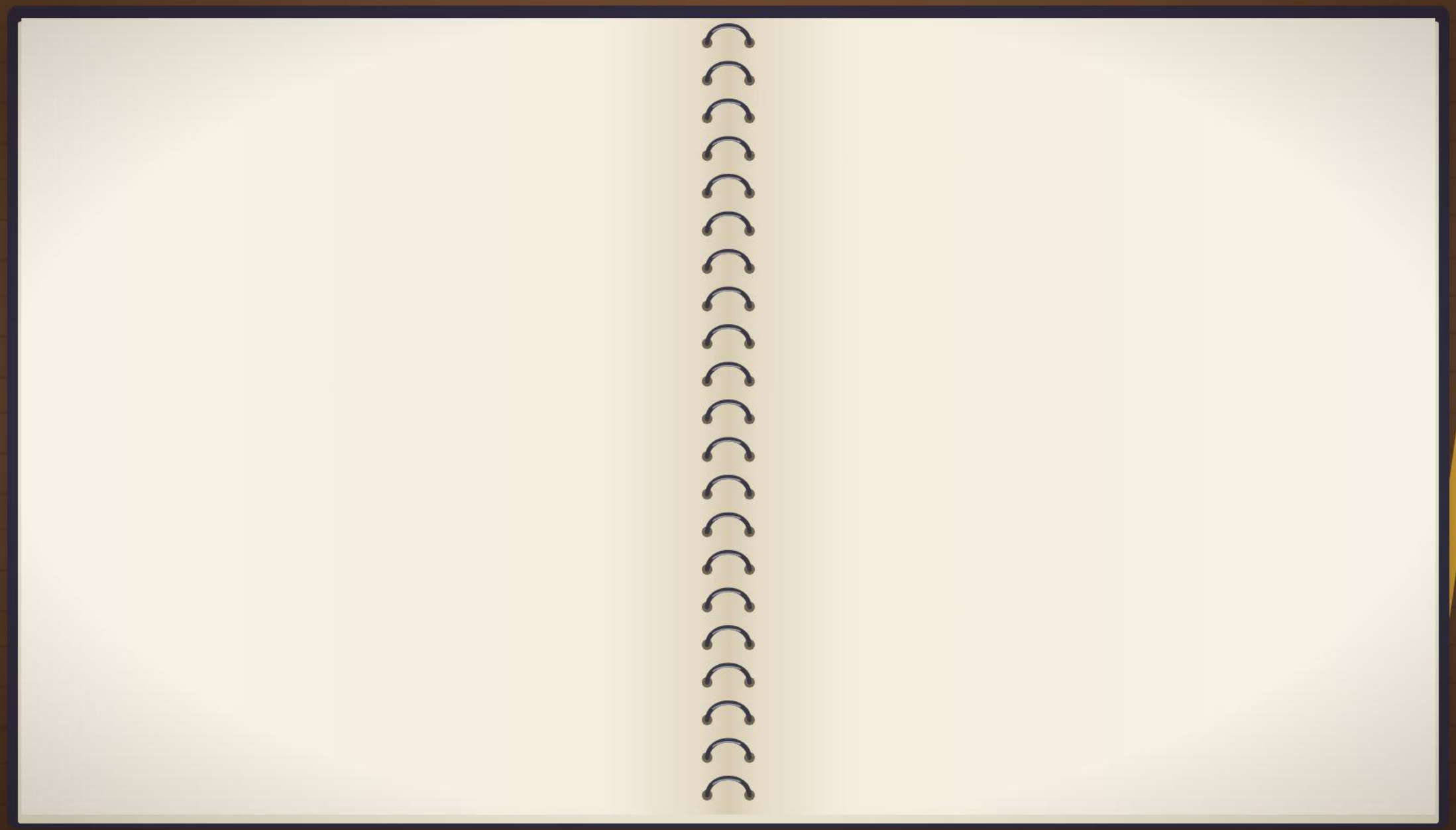


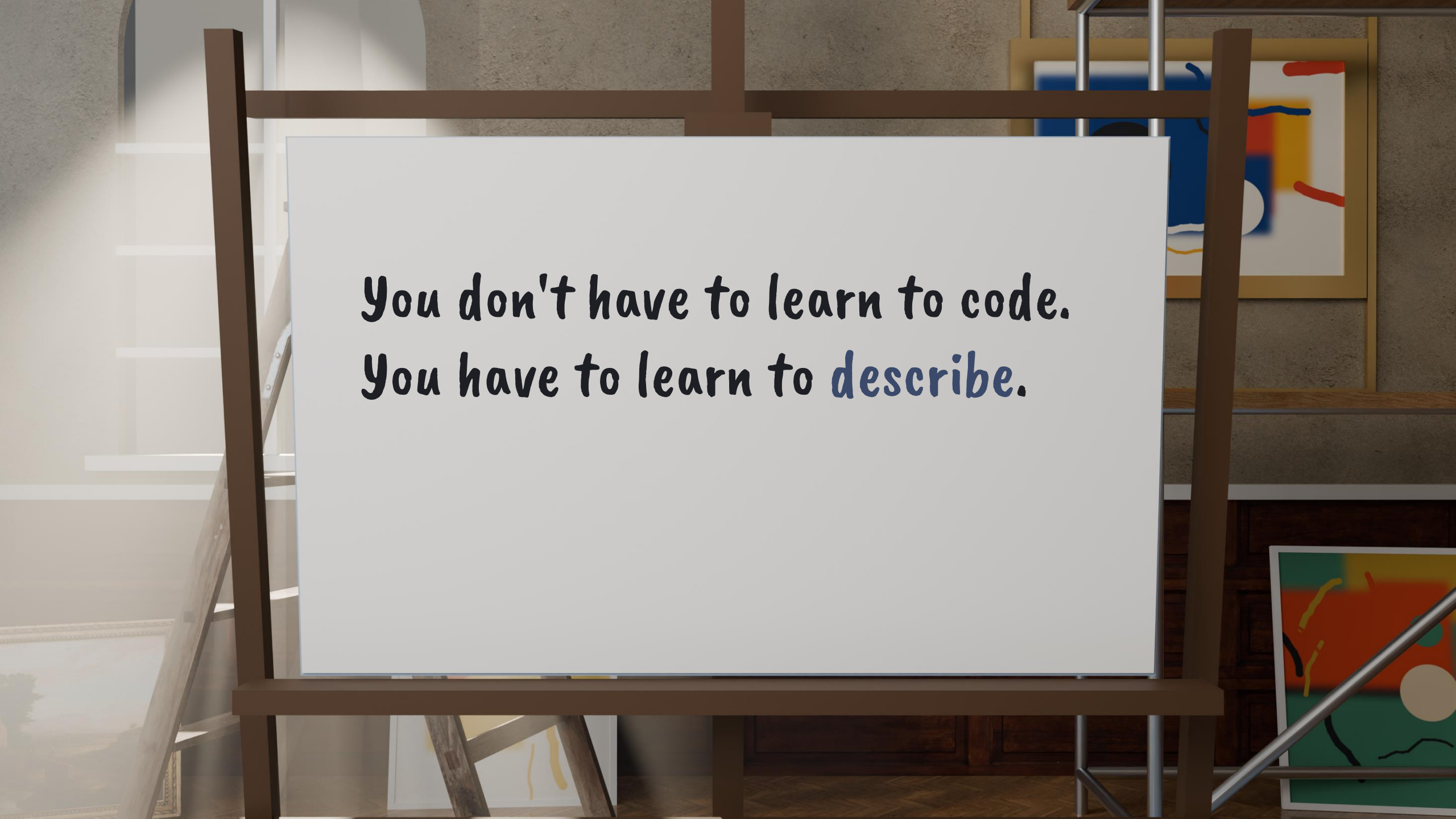
Then React and Python.



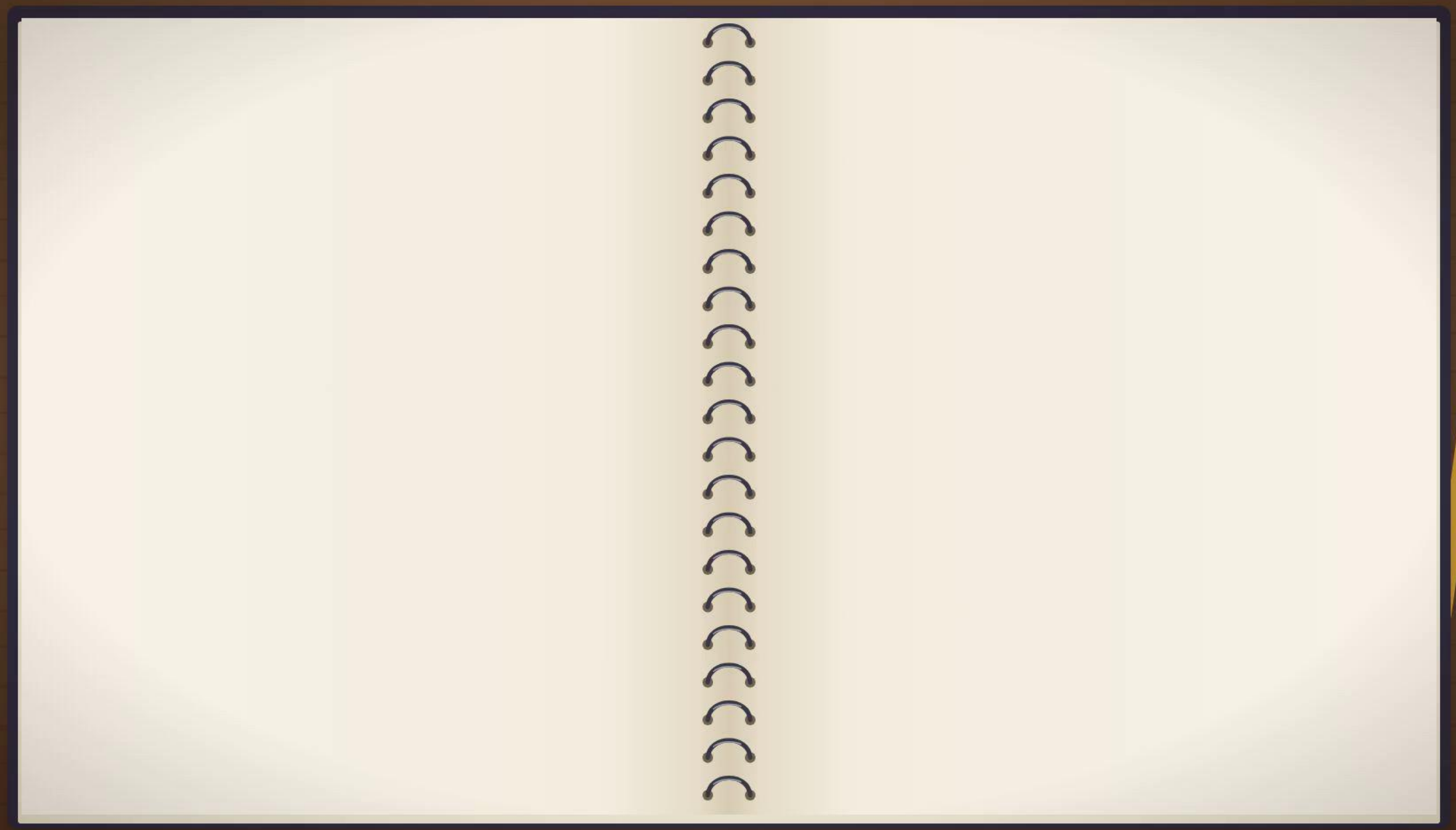
Then e-learnings,
shared with other people.





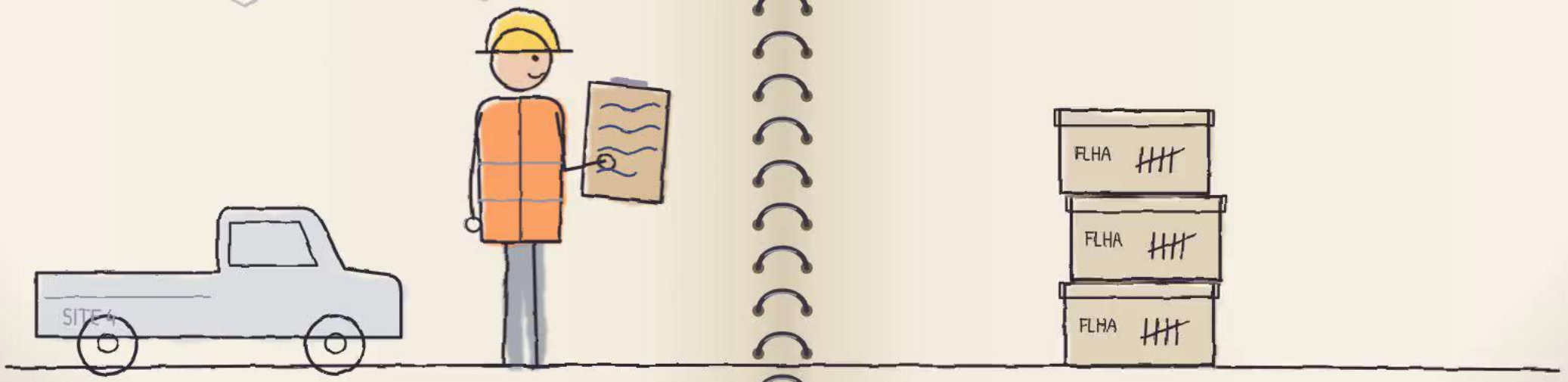

You don't have to learn to code.
You have to learn to describe.


How could I be more
ambitious?

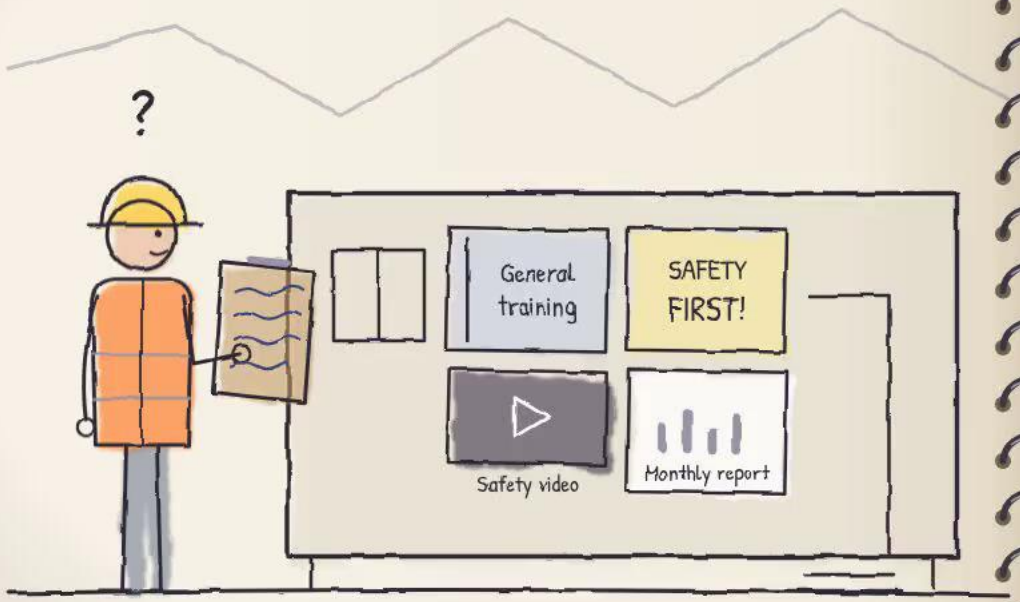


Every morning, crews told us what they were seeing.

Most of it went into a box.



On the safety side, we did our best:
training, coaching, mentoring.
But our materials were generic.

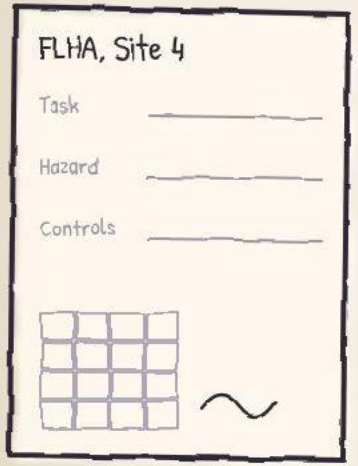


So I kept asking:
what if...?



What if their paper forms could be digital, the way they want them?



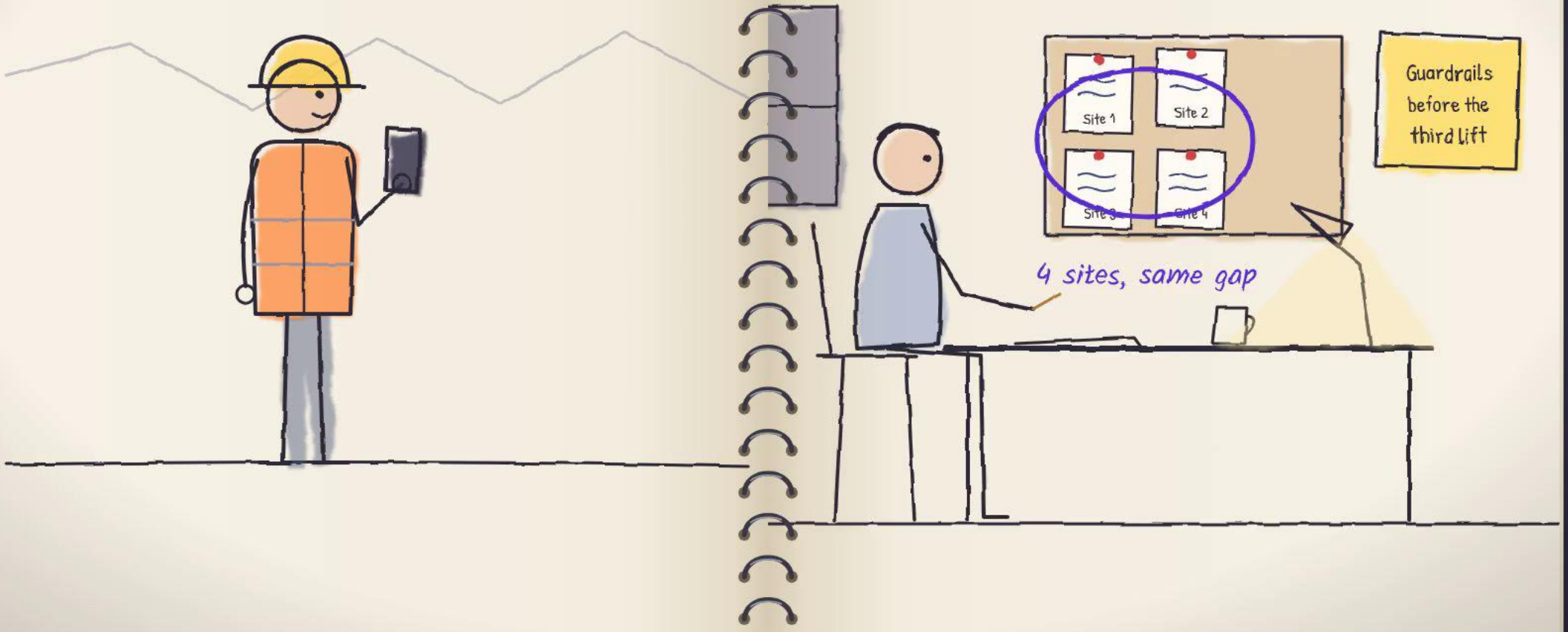


their form



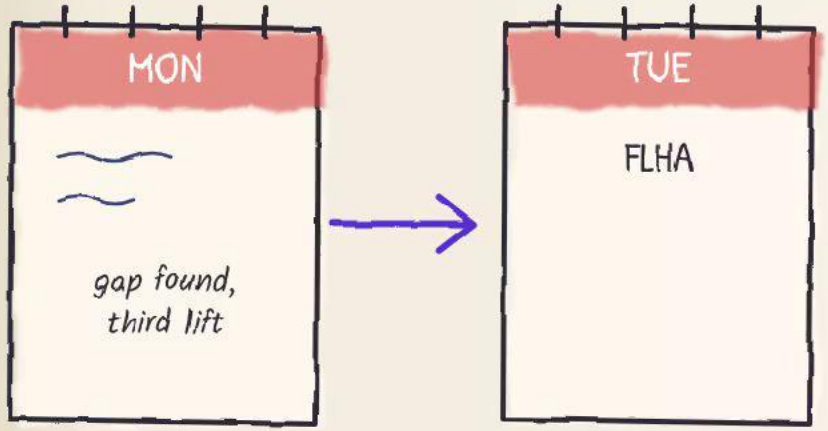
the same form, on their phone

What if we could use that data to make better choices?

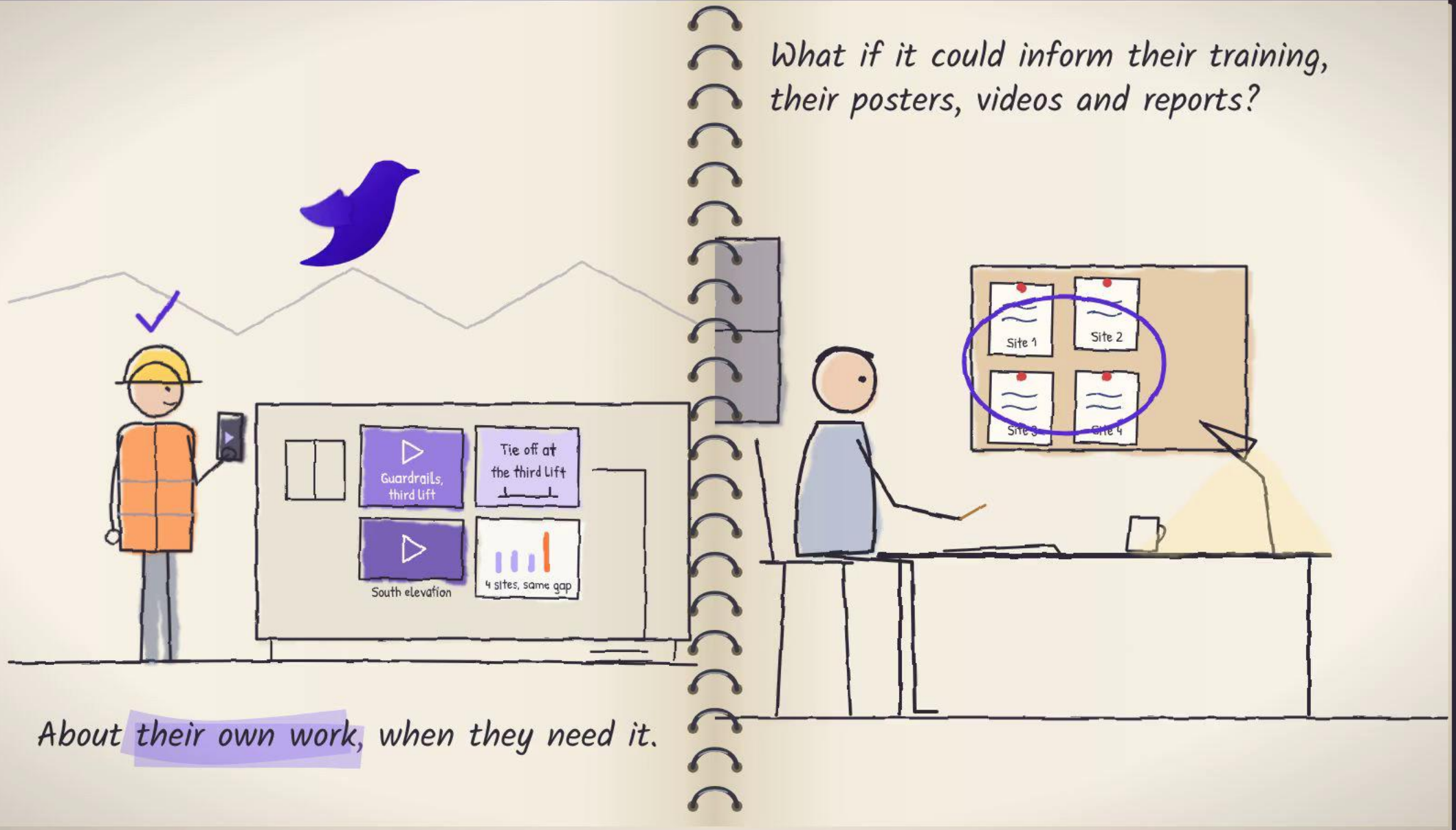


What if their data could inform their next day?





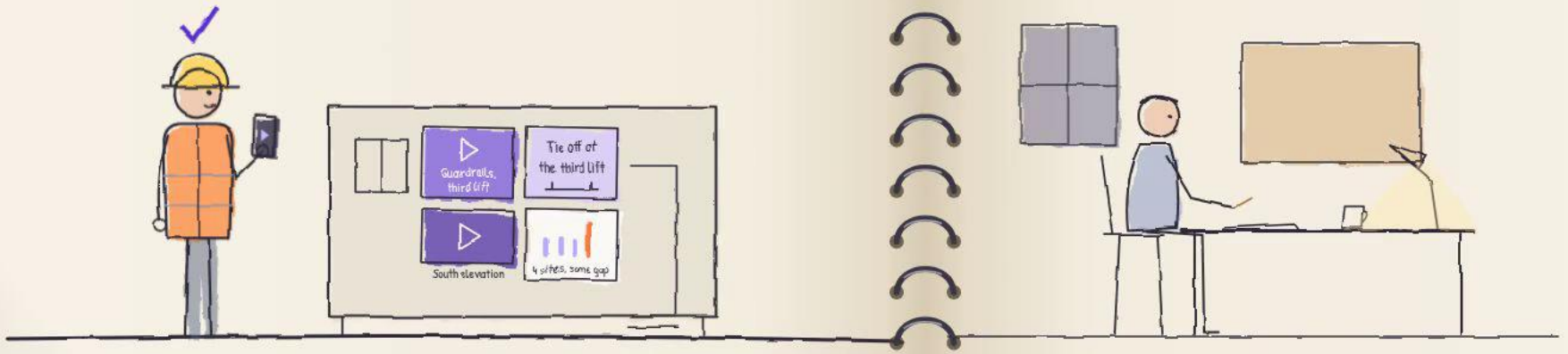
yesterday's finding, today's plan


What if it could inform their training, their posters, videos and reports?
Guardrails, third lift
Tie off at the third lift
South elevation
4 sites, same gap
Site 1
Site 2
Site 3
Site 4
About their own work, when they need it.

That was the idea.

So I started building it.

what crews see



what crews need

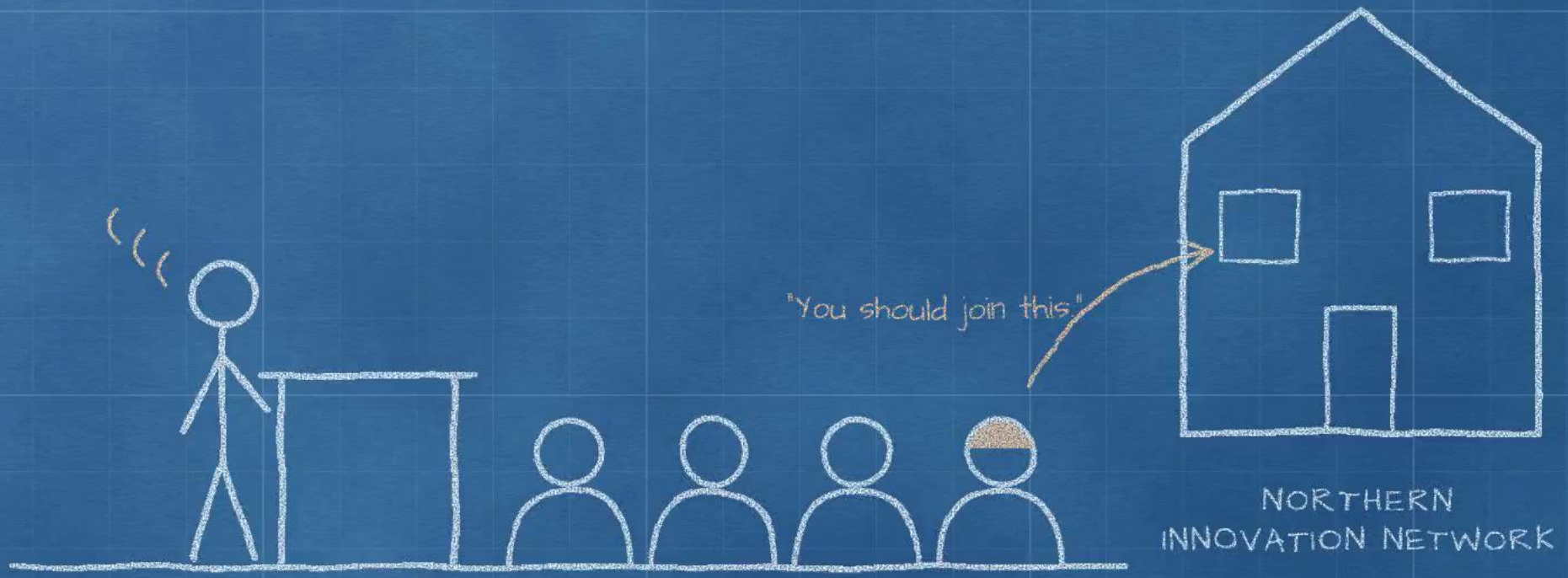
THE CONNECTED SITE

SHEET A1 · CONCEPT · NOT TO SCALE

PROJECT: THE CONNECTED SITE

DRAWN: D. DURHAM | DATE: 2021

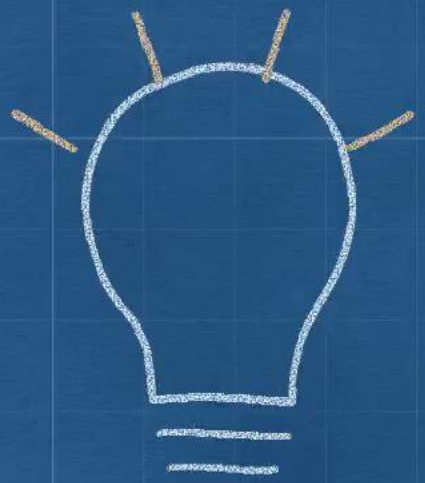
A TALK ON AI · FORT ST. JOHN





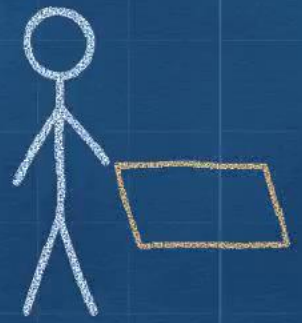
ERN
NETWORK

or fun



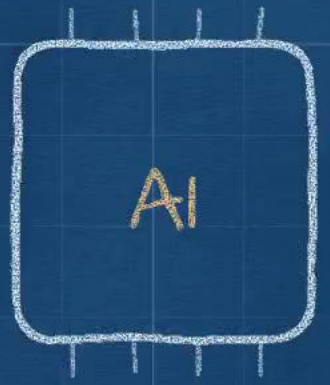
AN IDEA

+



A BROTHER WHO CODES

+

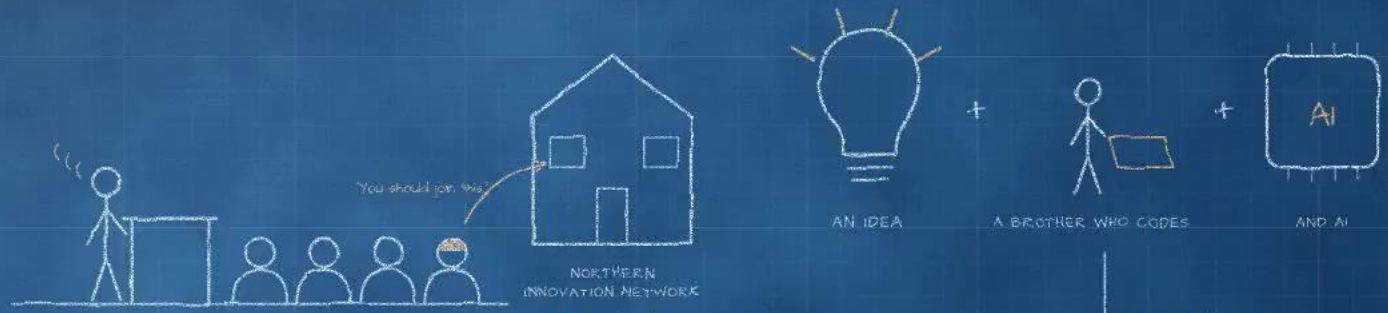


AND AI



so I started drawing

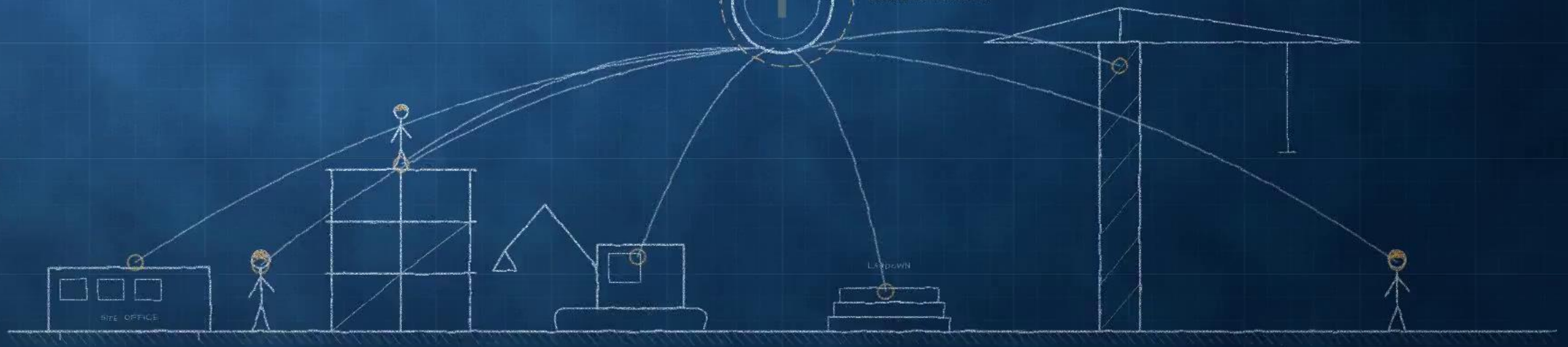
A TALK ON AI : FORT ST. JOHN



so I started drawing

AI AS INFRASTRUCTURE

one brain for the whole site



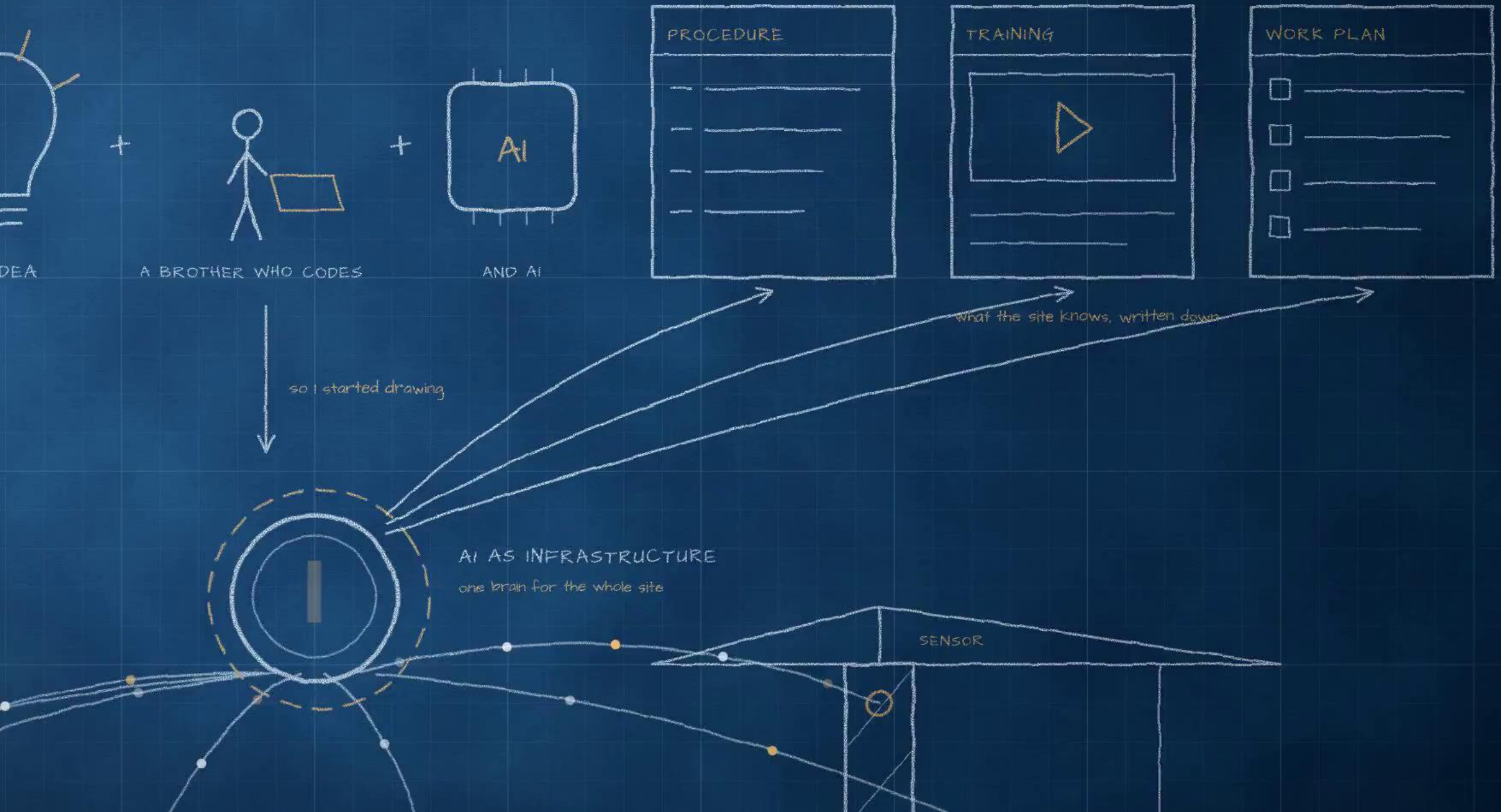
FOREMAN

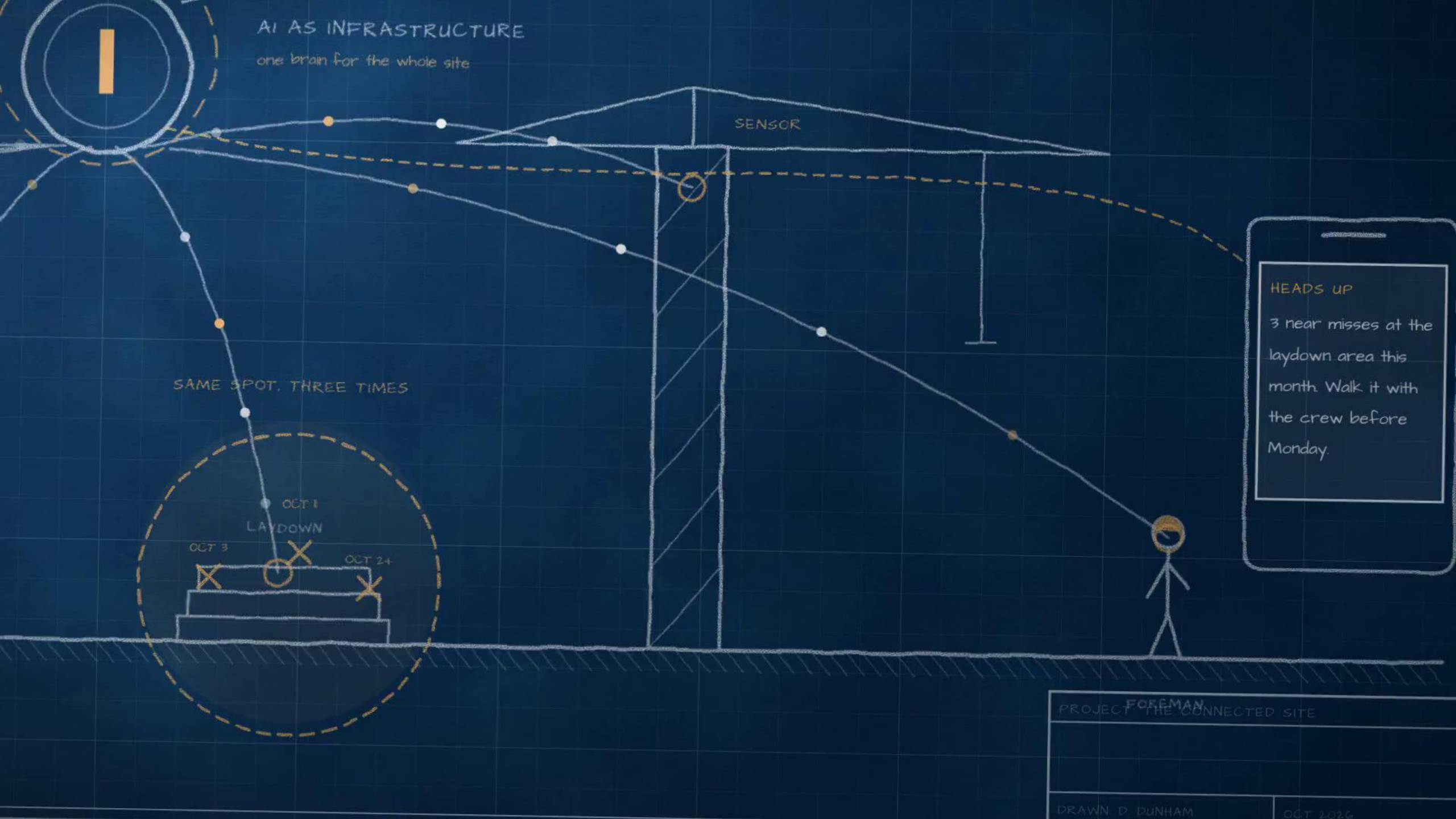
PROJECT: THE CONNECTED SITE

DRAWN: CUNHAM

DATE: 2026


AI AS IN
one brain
PHOTO
INSPECTION
VOICE
SENSOR
SITE OFFICE
LAYDOWN


DEA
A BROTHER WHO CODES
AND AI
AI
PROCEDURE
TRAINING
WORK PLAN
so i started drawing
what the site knows, written down
AI AS INFRASTRUCTURE
one brain for the whole site
SENSOR

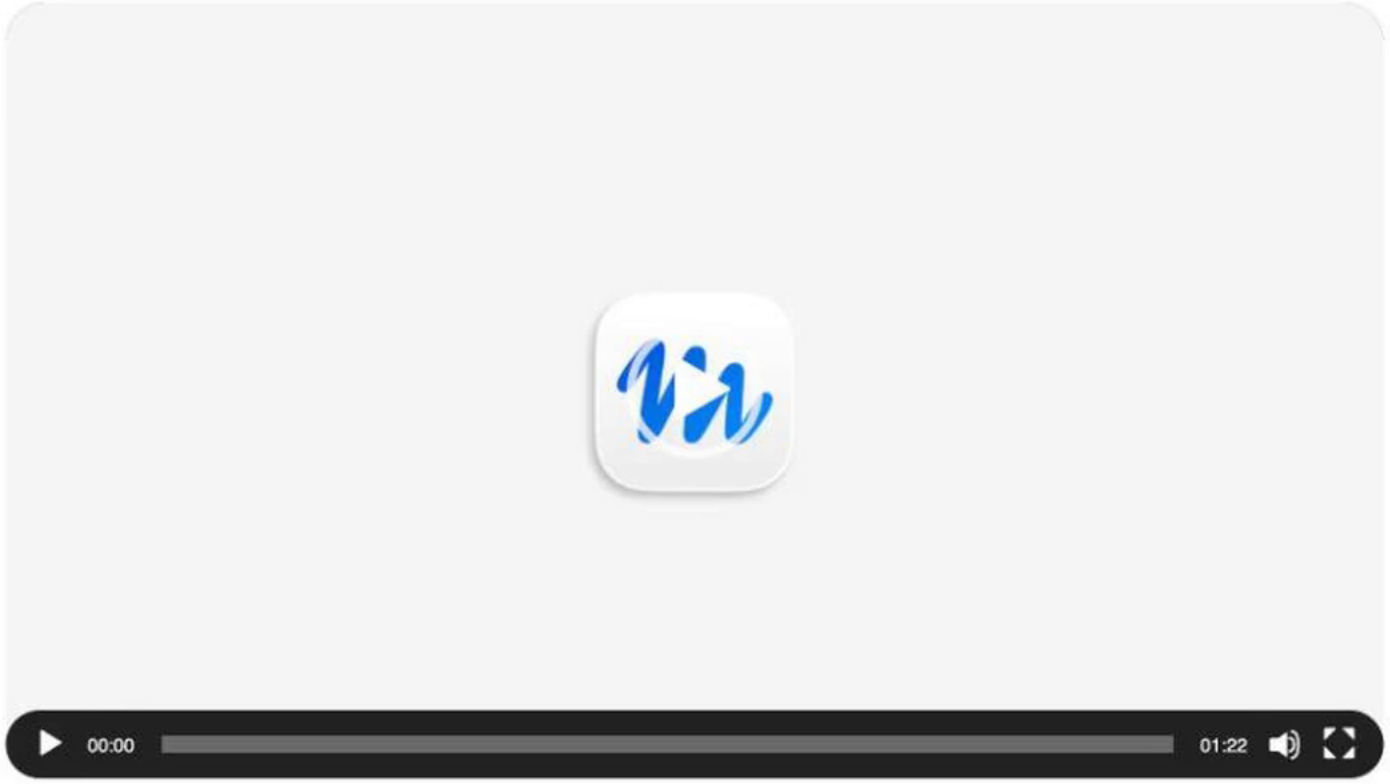

AI AS INFRASTRUCTURE
one brain for the whole site
SENSOR
HEADS UP
3 near misses at the laydown area this month. Walk it with the crew before Monday.
SAME SPOT. THREE TIMES
OCT 1
LAYDOWN
OCT 3
OCT 24
FOREMAN
PROJECT THE CONNECTED SITE
DRAWN D. DUNHAM
OCT 2026


Context is king

Introducing Muse: The World's First Personal AI Agent Built for Everyone

September 8, 2026

LISTEN TO ARTICLE



Takeaways

- Muse is a personal AI agent. It doesn't just answer questions, it actually does the work. It helps people stay on top of things, takes tasks and projects off their plate, and turns long-term goals into action plans.

RECENT NEWS

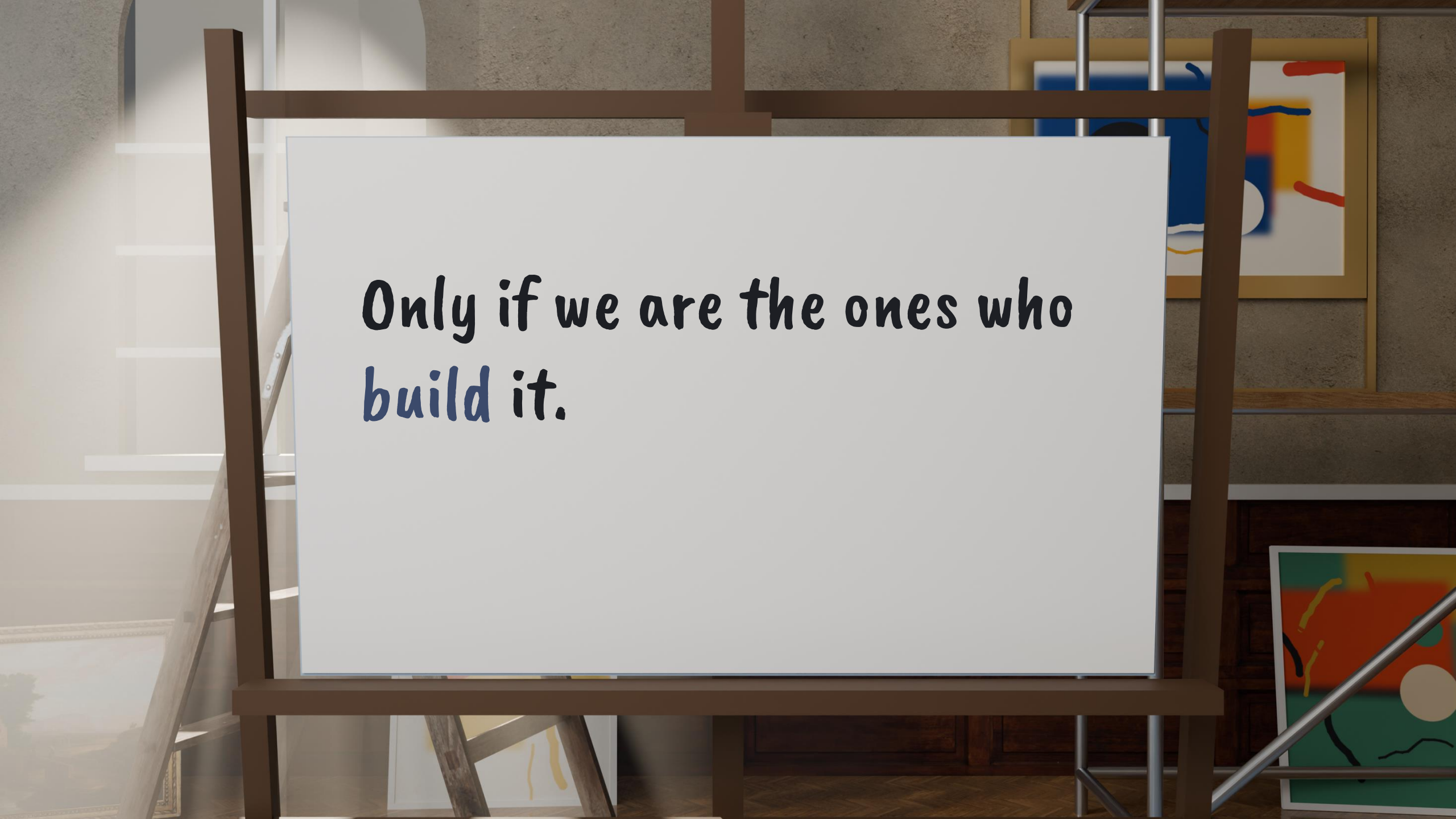
New Tools for the Admins Who Build Communities on Forum

Now You Can Invite Anyone to a WhatsApp Call

Your Algorithm, Your Words: New Ways to Shape What You See on Facebook

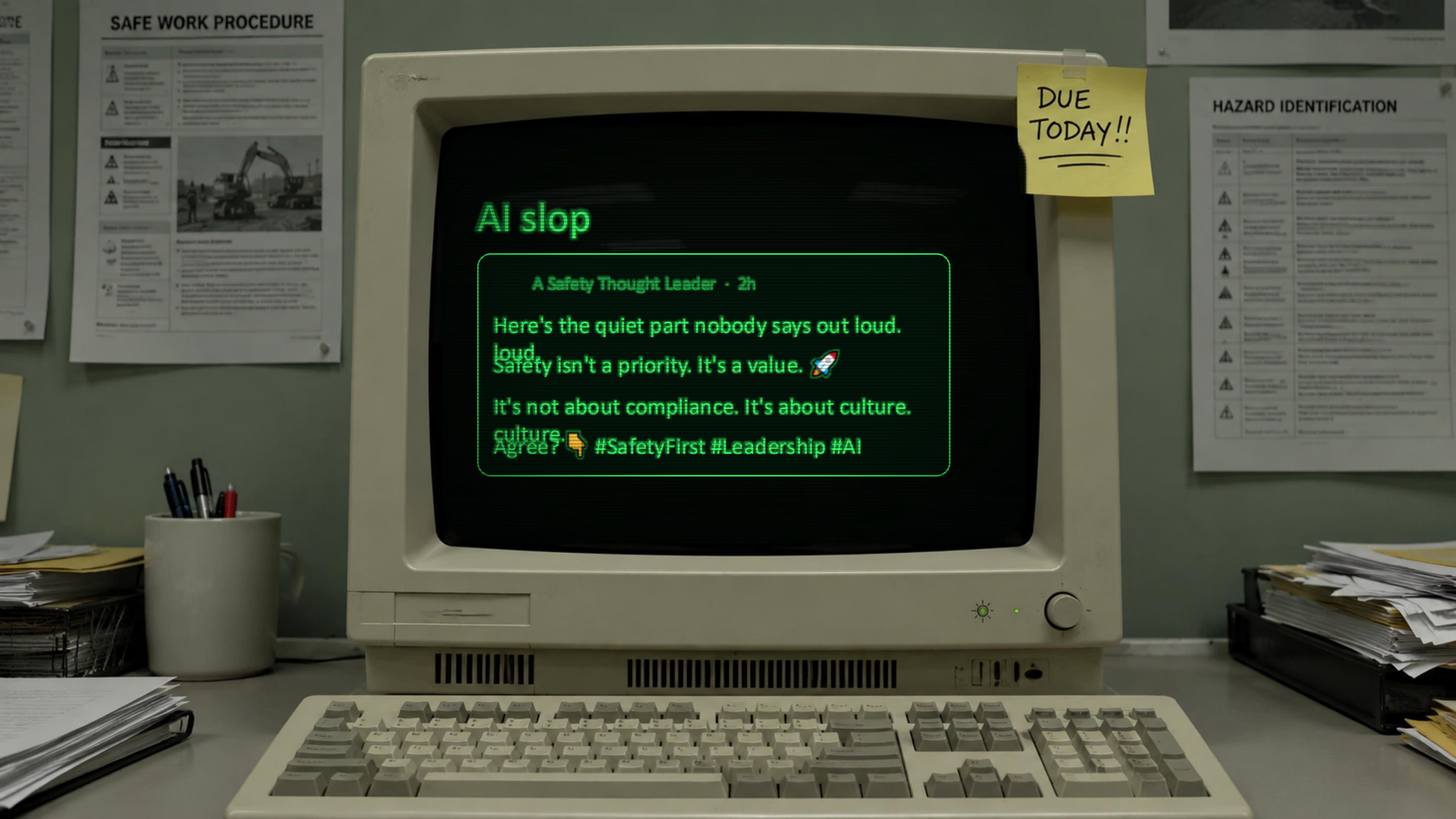
Leading Tech Companies Join Global Law Enforcement in Major Crackdown on West African Scam Networks



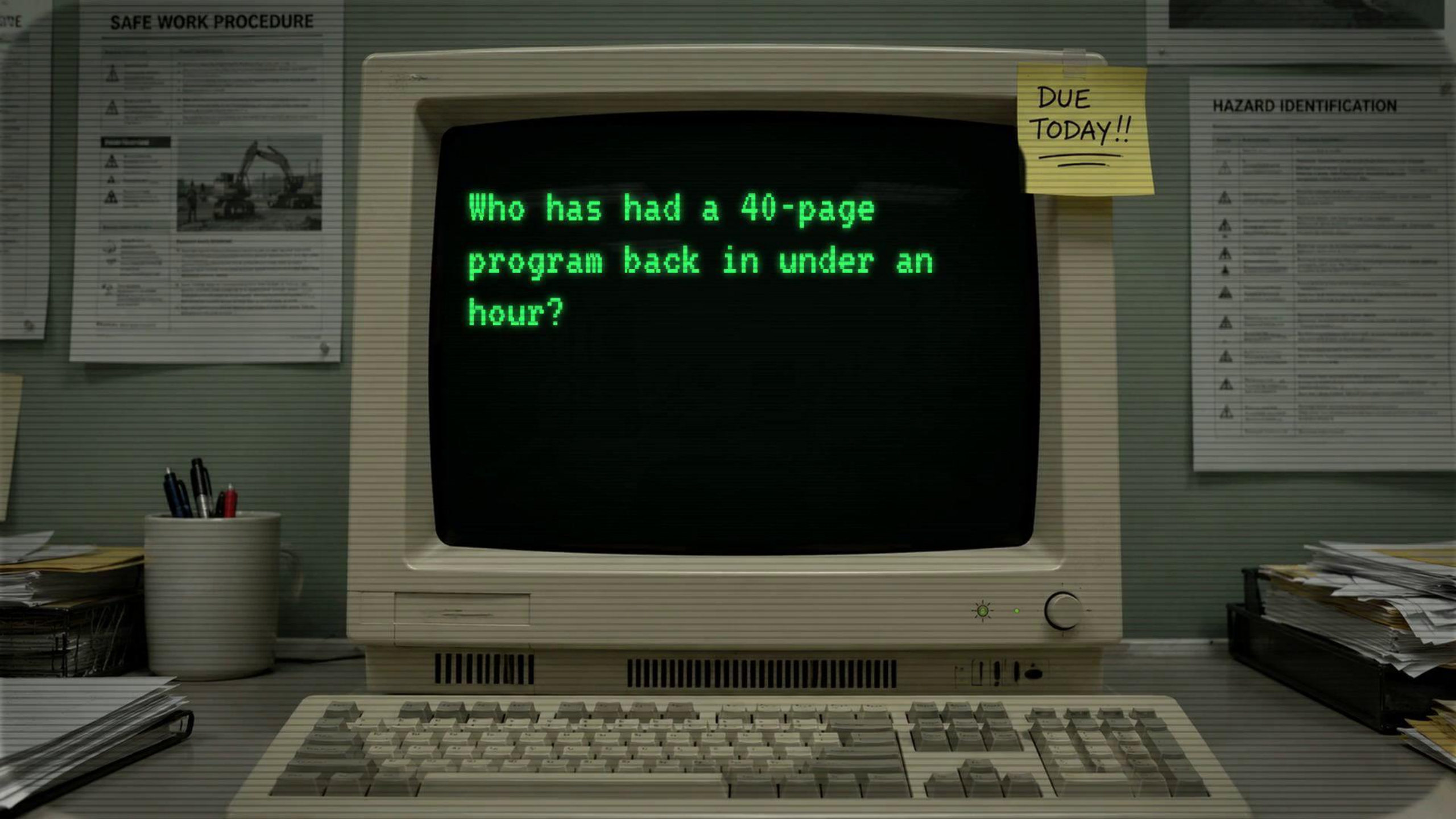

Only if we are the ones who
build it.

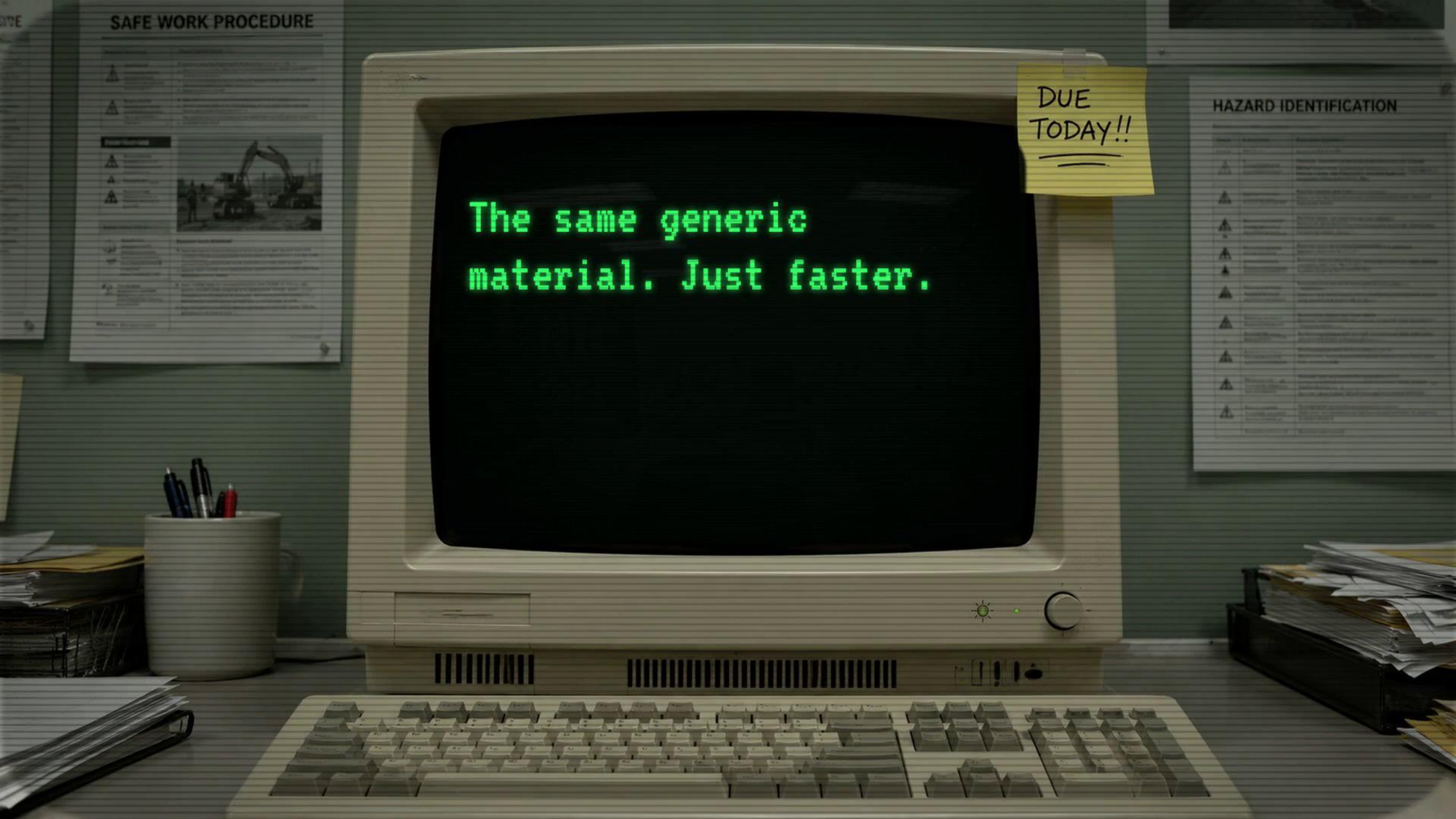

THE GOOD
THE BADASS
THE SLOPPY

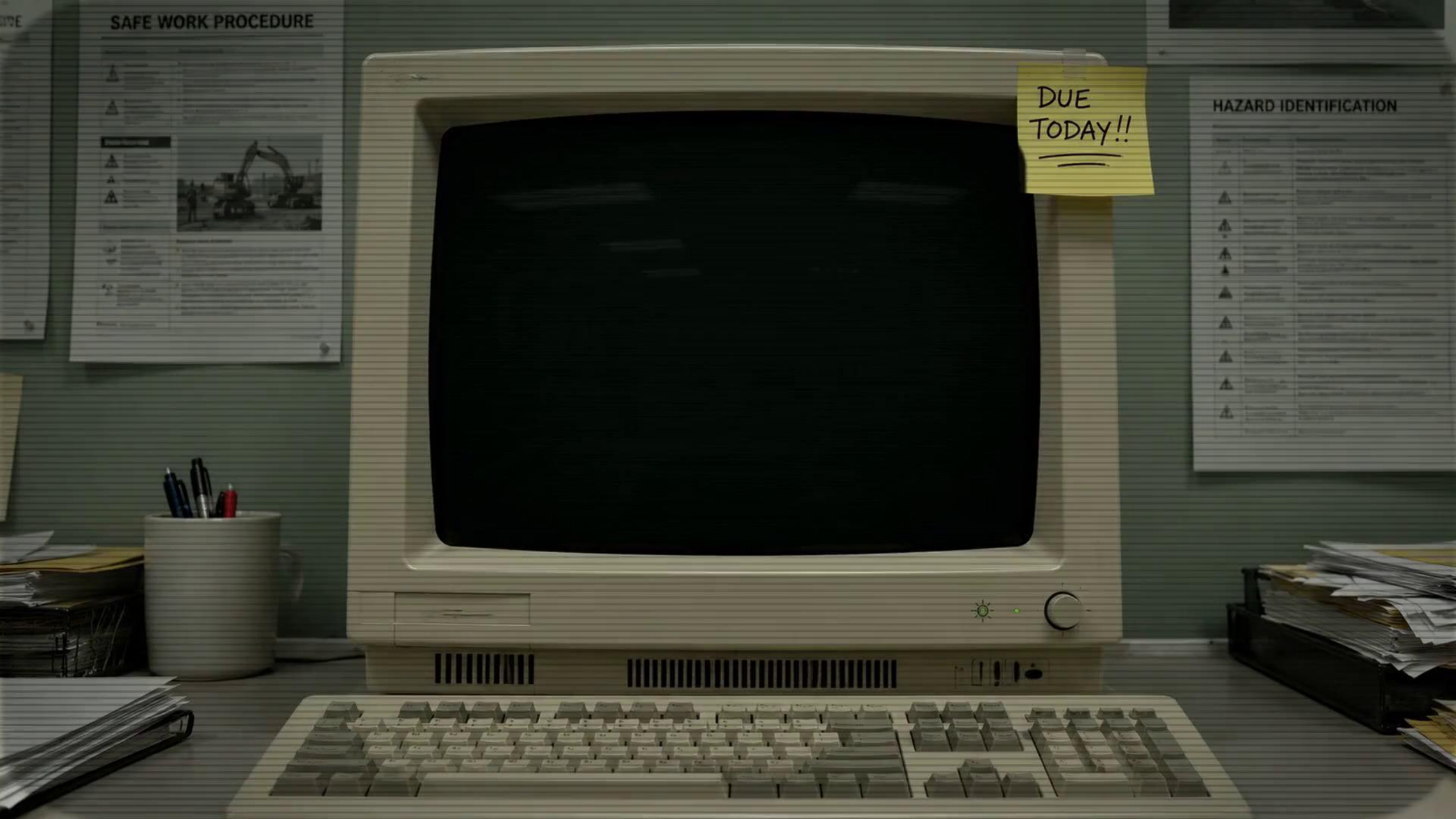


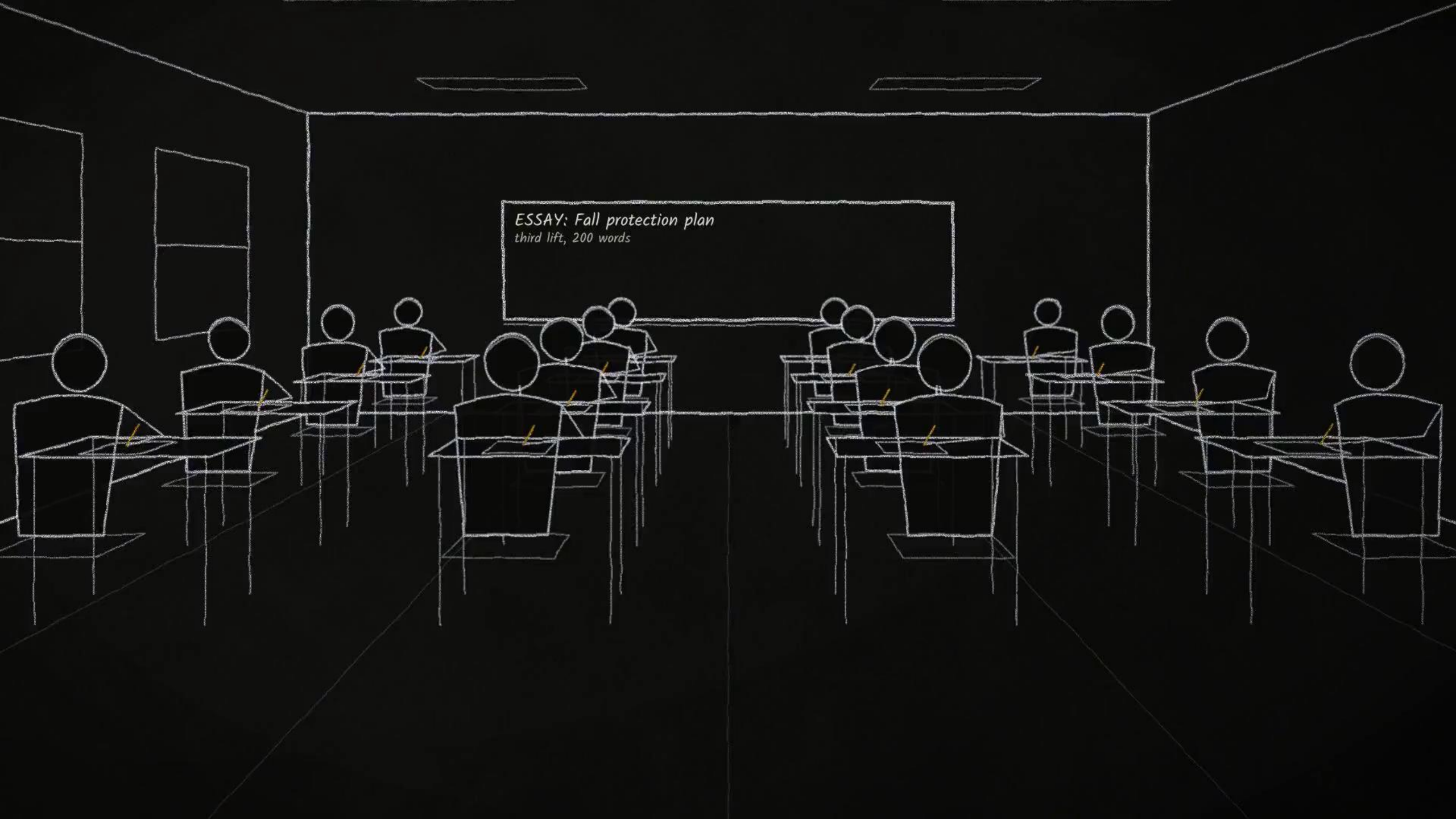

SAFE WORK PROCEDURE
HAZARD IDENTIFICATION
DUE TODAY!!
AI slop
A Safety Thought Leader · 2h
Here's the quiet part nobody says out loud.
Safety isn't a priority. It's a value.
It's not about compliance. It's about culture.
Agree? #SafetyFirst #Leadership #AI


SAFE WORK PROCEDURE
HAZARD IDENTIFICATION
DUE TODAY!!
We've started farming out our safety work


SAFE WORK PROCEDURE
HAZARD IDENTIFICATION
DUE TODAY!!
Who has had a 40-page program back in under an hour?


SAFE WORK PROCEDURE
HAZARD IDENTIFICATION
DUE TODAY!!
The same generic material. Just faster.


SAFE WORK PROCEDURE
DUE TODAY!!
HAZARD IDENTIFICATION


ESSAY: Fall protection plan
third lift, 200 words

Student 1 · Fall protection plan

Safety is everyone's responsibility.

Workers should use appropriate fall protection.

Equipment should be inspected regularly.

Follow all applicable regulations and best practices.

Sources: none

Student 2 · Fall protection plan

Falls can have serious consequences.

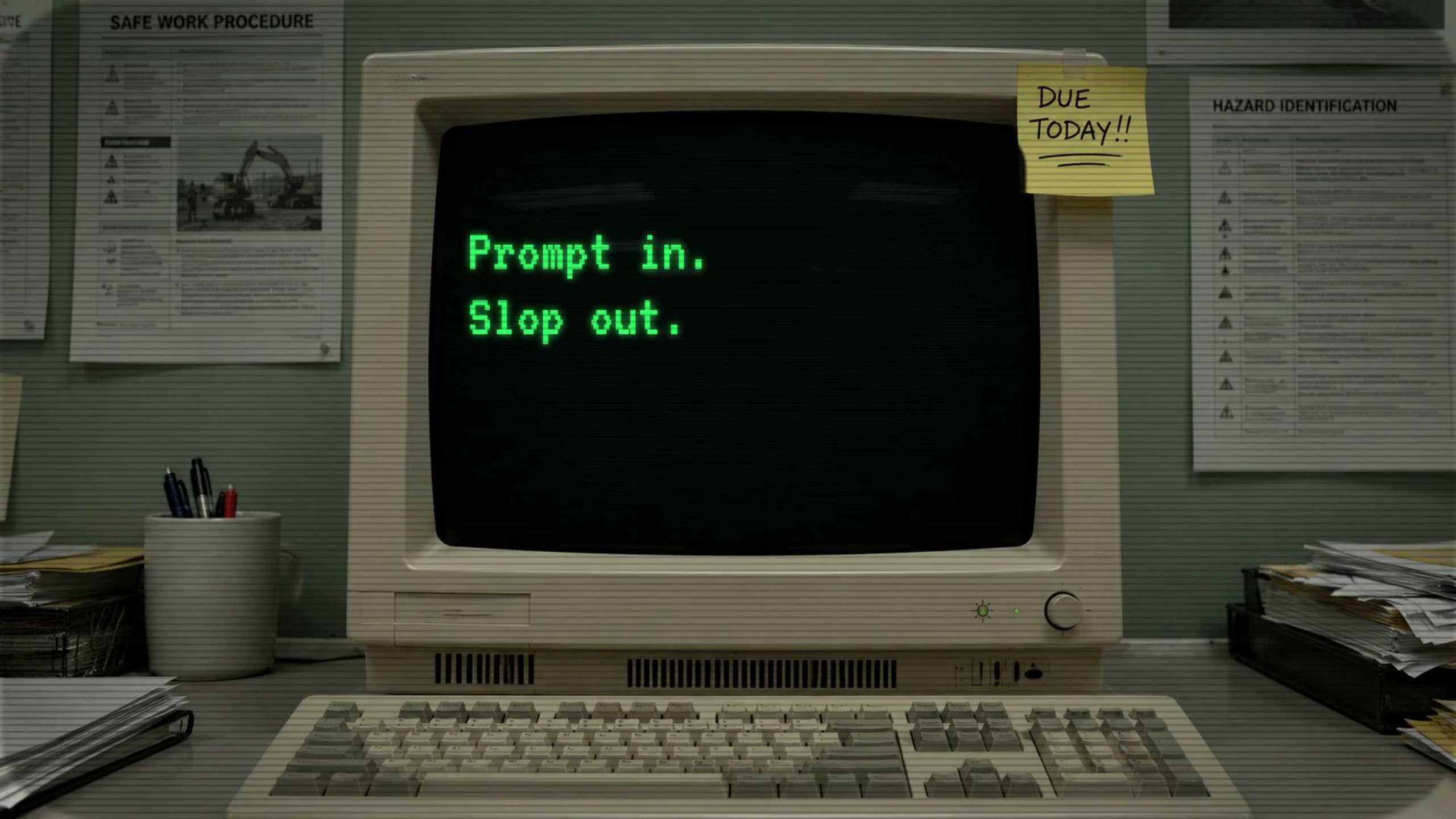
It is important to stay vigilant at all times.

Proper training builds a culture of safety.

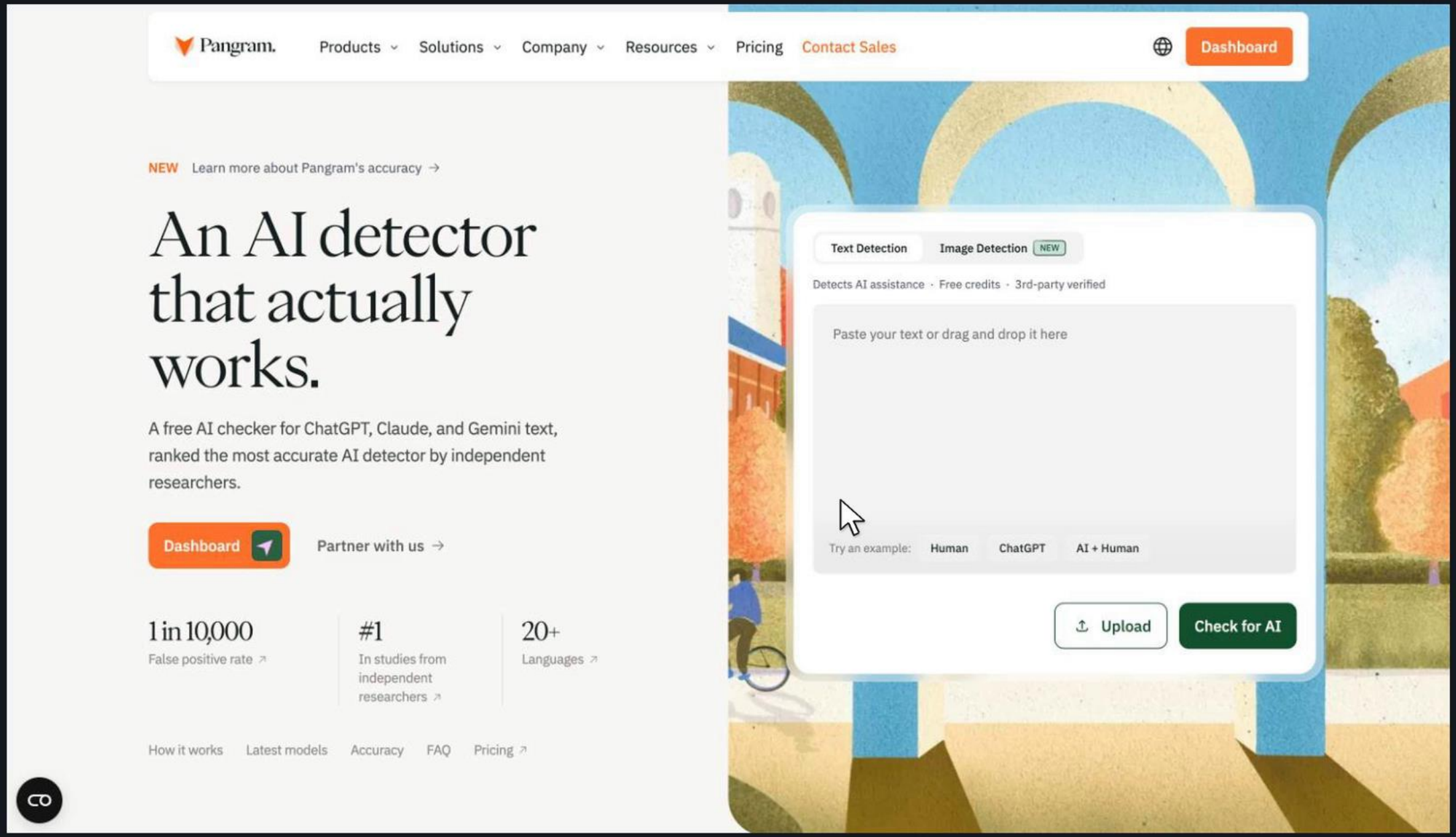
Always assess the risks before w

Sources: none


SAFE WORK PROCEDURE
HAZARD IDENTIFICATION
DUE TODAY!!
Thoughtful AI use requires
safety expertise

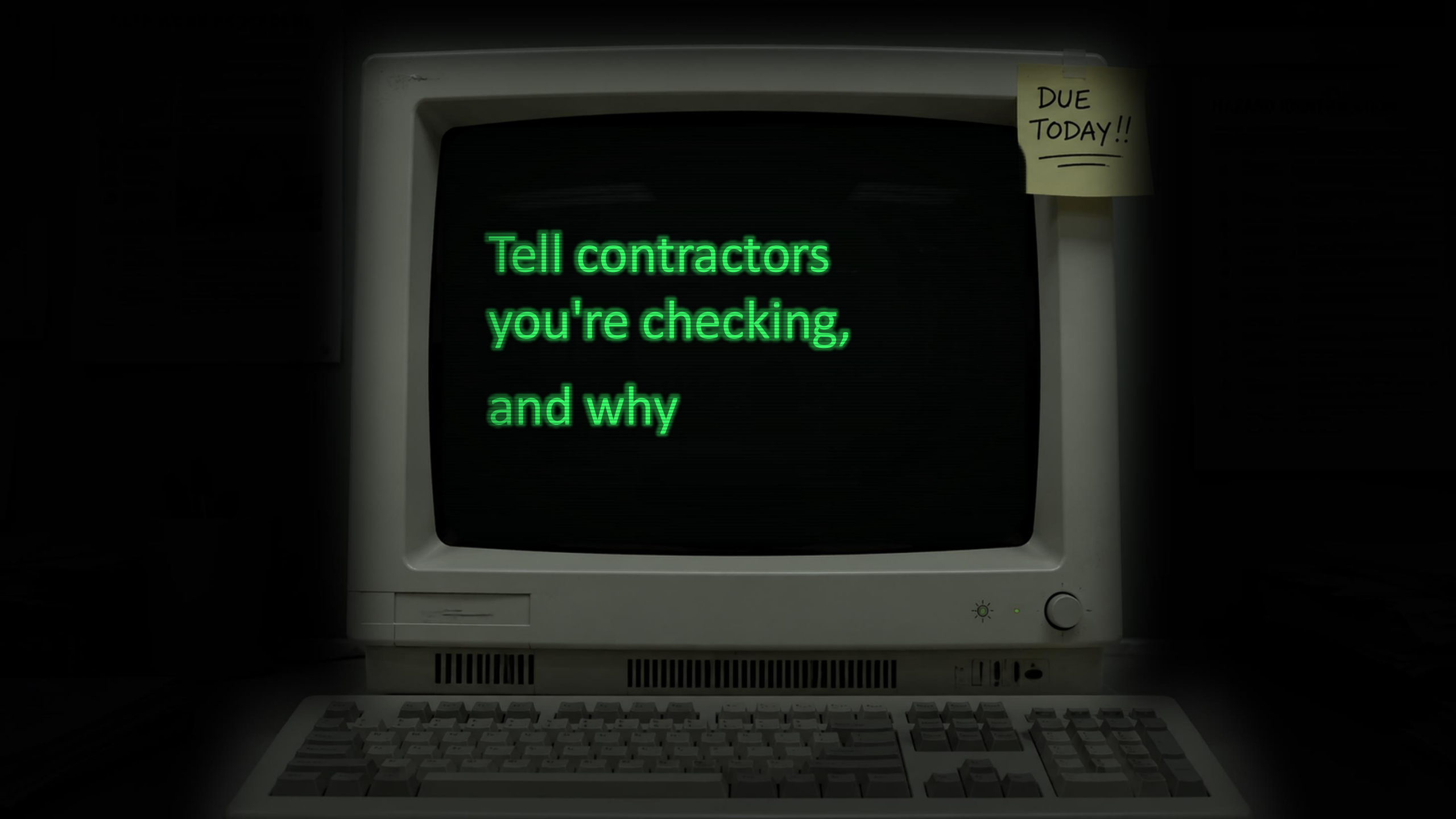

SAFE WORK PROCEDURE
HAZARD IDENTIFICATION
DUE TODAY!!
Prompt in.
Slop out.

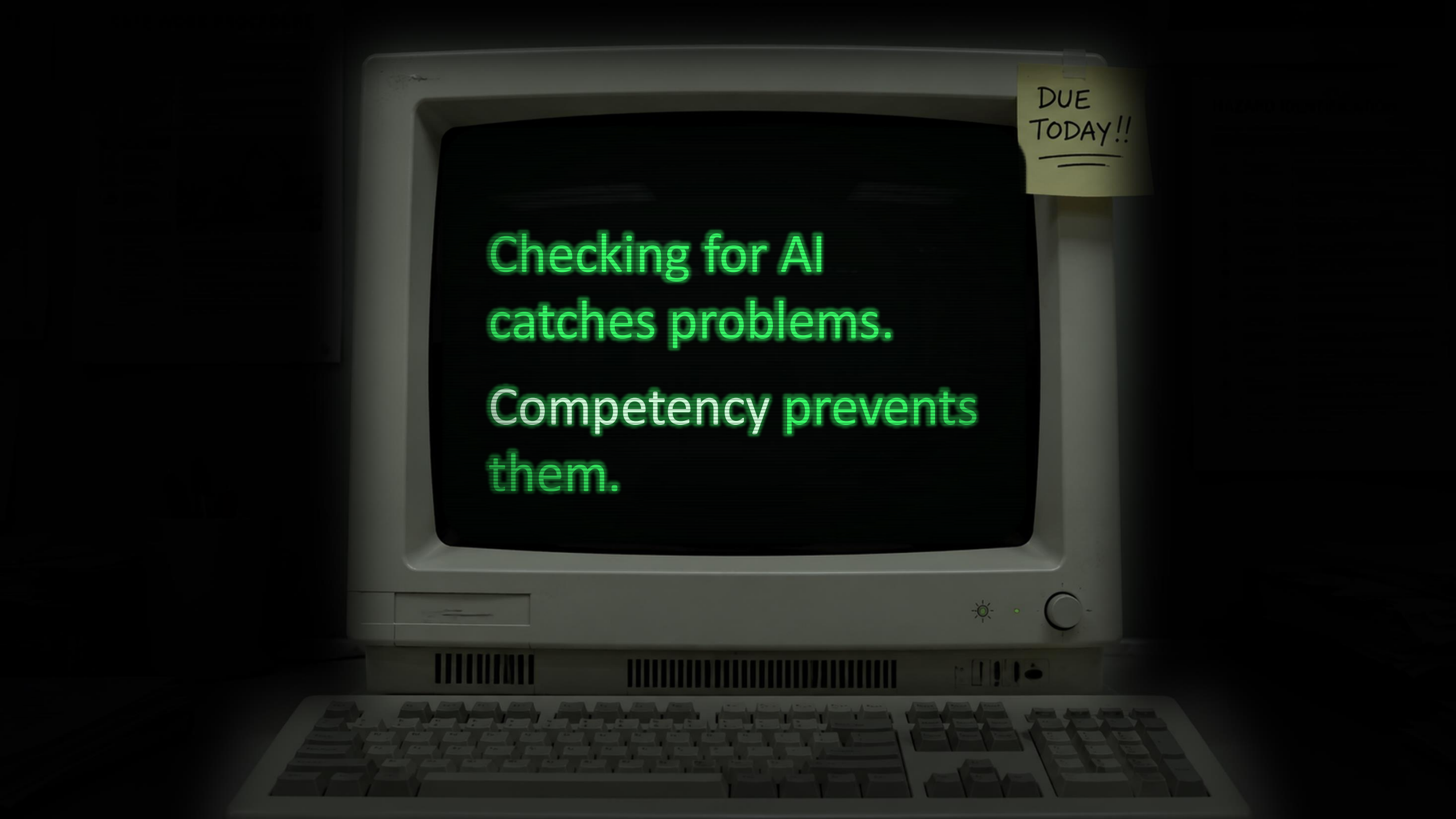

DUE
TODAY!!
AI detection

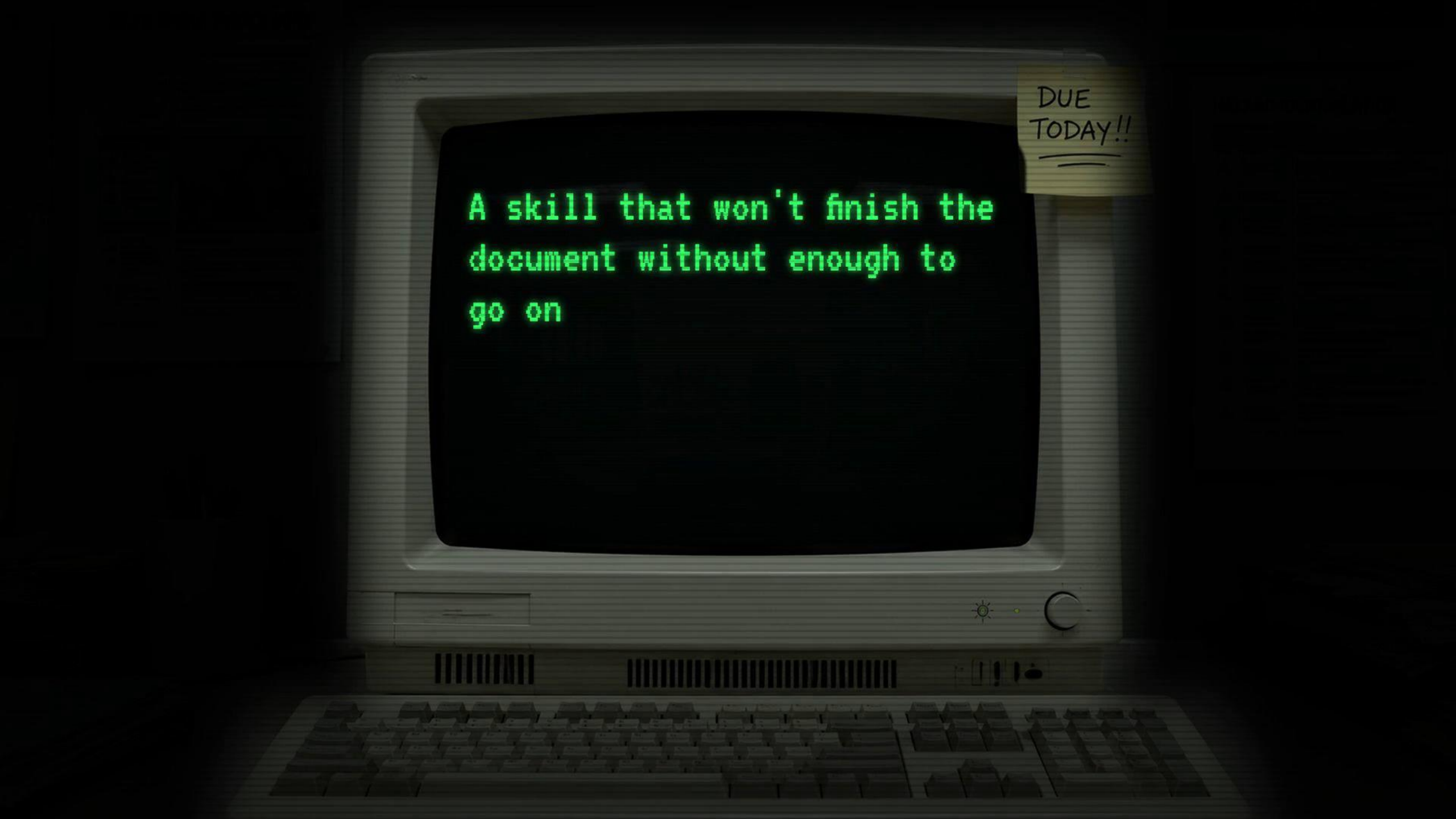


AGENT REASONING

The Jungle (1906, public domain)
plus two AI paragraphs.


DUE TODAY!!
Tell contractors you're checking,
and why


DUE TODAY!!
Checking for AI catches problems.
Competency prevents them.


DUE TODAY!!
A skill that won't finish the document without enough to go on


Three things
Standards
Competency
Norms
DUE TODAY!!

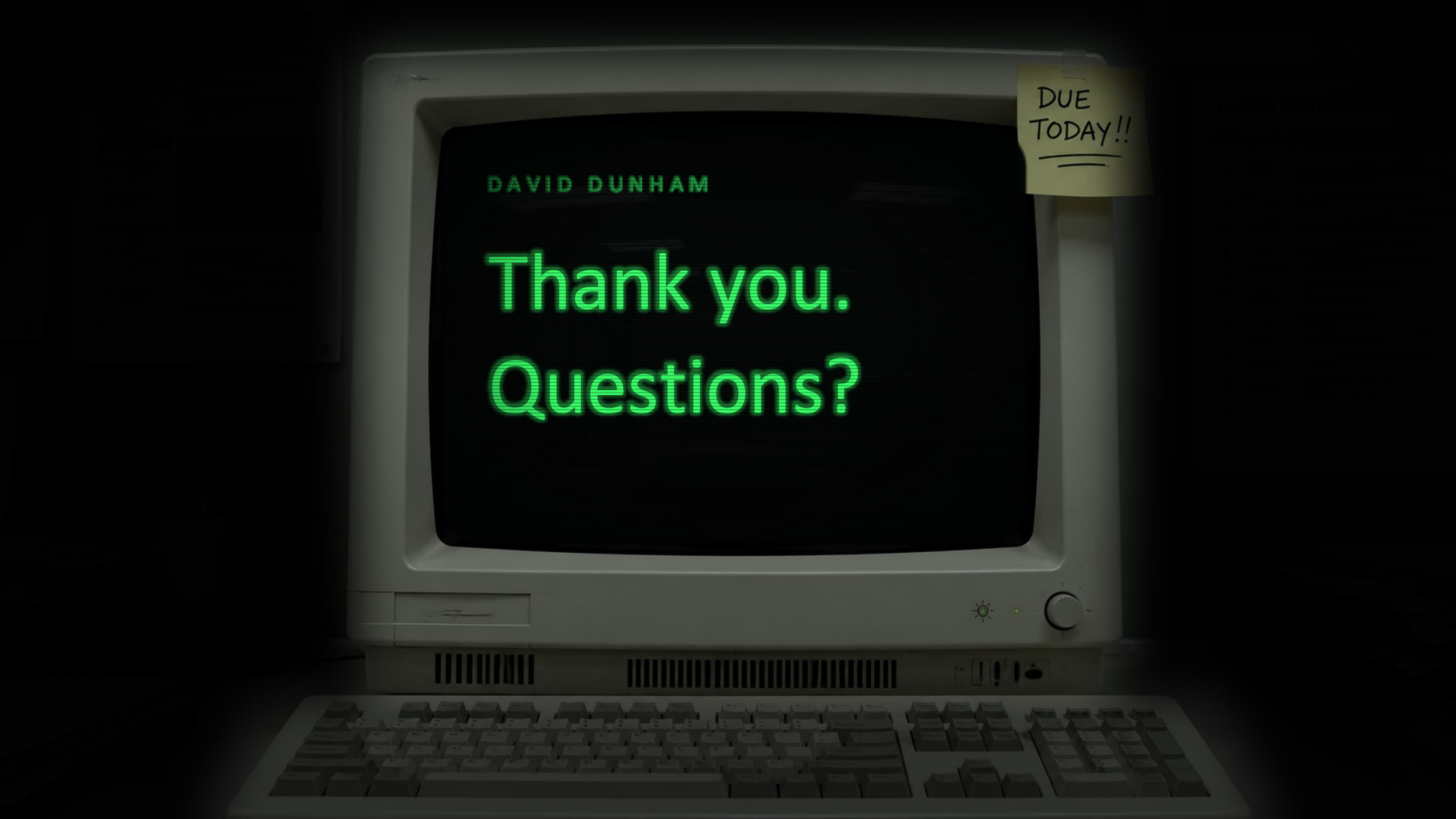
What good context looks like

- Site conditions
- Crew interviews
- Actual hazards
- Regulatory specifics

Norms we can set

- Cut the slop
- Less is more
- Ask questions about the work


THE GOOD
THE BADASS
THE SLOPPY


DAVID DUNHAM
Thank you.
Questions?
DUE TODAY!!