



VIREDON LLC

See the signal. Understand the system.

RISK INTELLIGENCE • SAFETY STRATEGY • FIELD ANALYSIS

THE PROBLEM HAS CHANGED

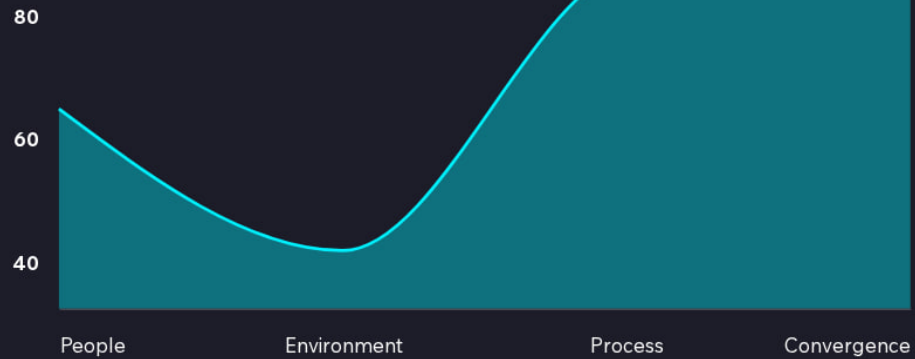
Traditional safety systems are good at identifying known hazards. Modern operational risk is often harder to see.

- Incidents develop through weak signals, normalization of deviation, and competing priorities.
- Risk often stems from unchallenged assumptions or controls that fail in practice.

The next incident may already be visible — just not yet recognized as a pattern.

SYSTEM OVERVIEW

WHAT VIREON SEES



Vireon looks beyond isolated hazards to

FROM COMPLIANCE TO INTELLIGENCE

Shifting from rule-based compliance to signal-based intelligence.

TRADITIONAL APPROACH	VIREON APPROACH
What rule applies?	What is changing?
Is the requirement met?	What signals are emerging?
What hazard is present?	Where are controls weakening?
Was the inspection completed?	What assumptions are driving behavior?
Who failed the procedure?	Where does the system differ from work as performed?

SIGNAL & STRUCTURE

Vireon's Signal & Structure methodology serves as the core framework for identifying and resolving complex organizational challenges.

- **SIGNAL:** What is observable—behavior, anomalies, recurring complaints, near misses, and operational friction.
- **STRUCTURE:** What is producing it—systems, procedures, incentives, workflow, and organizational design.

A signal tells us where to look. Structure helps explain why it is happening.



FIVE-STAGE OPERATIONAL MODEL

HOW VIREON WORKS

- **OBSERVE:** Study the work and available evidence.
- **CONNECT:** Identify relationships between observations.
- **ANALYZE:** Determine weaknesses and emerging risk.
- **INTERVENE:** Develop practical corrective strategies.
- **LEARN:** Convert findings into knowledge.

Focus on field reality and usable solutions.



CAPABILITIES

WHERE VIREON WORKS

CAPABILITY AREA	FOCUS
Risk Intelligence	Field observation, emerging-risk analysis, critical control review
Safety & Compliance	Program evaluation, regulatory alignment, site assessments
Incident Analysis	Reconstruction, causal analysis, expert support
High-Hazard Ops	Industrial, chemical, energy, manufacturing
Human Factors	Decision environments, work-as-performed, behavioral signals
Training	Executive communication, workforce learning, risk translation

DIFFERENT INDUSTRIES. SIMILAR PROBLEM.

Construction, manufacturing,
automotive, chemical operations,
energy, EV/battery manufacturing,
industrial laboratories, cannabis
extraction, emerging tech, and
safety investigations.

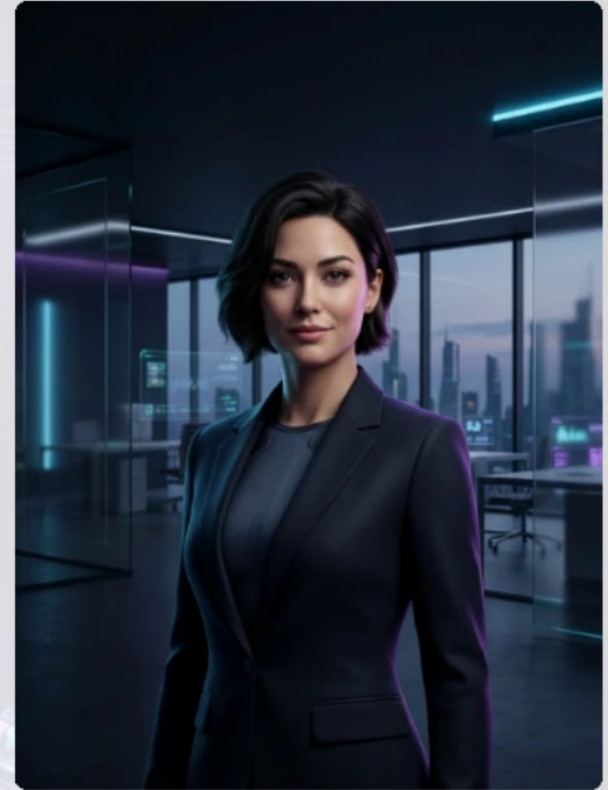
Complexity creates blind spots.



"Technology can collect more data than ever before. Rules can define expected conditions. Dashboards can show indicators. But someone still has to recognize: What matters. What connects. What changed."

VIREON PHILOSOPHY

Combining experienced human judgment with modern analytical tools to enhance decision-making rather than replacing it.





PAUSE TO PROCEED

Not every pause is hesitation. Sometimes it is the moment when **observation** becomes understanding.

Decision-quality concept: interrupt automatic response long enough to examine context, competing signals, assumptions, and consequences before acting.