

PhishCloud Operational Technology vCISO Services

PhishCloud's OT vCISO Services reduce downtime risk and strengthen operational resilience across IT and OT.



- Executive Owned OT Security Strategy
- Downtime Risk Reduction Roadmap
- IT to OT Attack Visibility
- Board Ready Operational Risk Reporting
- 72 Hour OT Incident Framework

The Problem

Most manufacturers and critical infrastructure operators are stuck in a dangerous gap. IT security teams are measured on data protection. OT leaders are measured on uptime and safety.

So the organization ends up with:

- Limited visibility into real IT to OT attack paths.
- Control networks that grew organically, not securely.
- Legacy systems that cannot be patched on IT timelines.
- Third party remote access that expanded faster than governance.
- Incident response plans built for IT outages, not production impact.
- A board that hears cyber risk, but cannot connect it to downtime, safety, and revenue.

The result is not just breach risk. It is operational risk: unplanned downtime, unsafe process conditions, regulatory exposure, and loss of customer confidence.

The Solution: PhishCloud vCISO Services

Industrial organizations do not fail because they lack tools. They fail because they lack unified leadership over operational cyber risk.

PhishCloud OT vCISO Services provide executive level ownership of your OT cybersecurity strategy, aligned to uptime, safety, and business continuity. Instead of treating OT as an extension of IT security, we build a program grounded in operational reality, maintenance windows, legacy systems, third party access, and production pressure.

Your PhishCloud OT vCISO becomes the strategic bridge between plant operations, engineering, IT security, compliance, and executive leadership. We translate cyber risk into operational impact, quantify what it means to revenue and safety, and prioritize initiatives that reduce downtime risk fastest.

This is not a one time assessment. It is an ongoing leadership function that establishes governance, aligns investment decisions to real risk, and creates measurable resilience across IT and OT environments.

Our approach integrates directly with PhishCloud Cyber Fusion Center strategies, enabling cross domain visibility, telemetry correlation, and business aligned decision support. The result is a unified operating model that protects both the human layer and the industrial core.

PhishCloud OT vCISO Services give your organization something most industrial companies lack: accountable leadership for operational cyber risk, delivered in a way that strengthens production instead of disrupting it.

Strategy Components

A structured approach built for industrial environments.

- Operational risk alignment, safety and availability first
- IT OT cyber fusion, unified decision making and shared priorities
- Threat led planning, focused on how attackers actually move
- Program governance, clear ownership across IT, OT, and vendors
- Measurable progress, executive dashboards tied to business outcomes
- Continuous improvement, not a one time assessment
- Security progress that does not slow production.

Why Customers Trust PhishCloud?

Deep OT Operational Experience: PhishCloud understands that industrial environments are not traditional IT networks. We work within the constraints of legacy control systems, safety requirements, maintenance cycles, and production pressure. Our guidance is grounded in operational reality, not theoretical best practices.

IT to OT Bridge Leadership: We eliminate the disconnect between enterprise security and plant operations. PhishCloud aligns engineering, IT security, and executive stakeholders under a unified operating model, ensuring risk decisions are coordinated, prioritized, and business driven.

Threat Led Risk Focus: We focus on how attackers actually move across environments, not just on compliance checklists. By identifying real attack paths and operational choke points, we prioritize actions that reduce downtime risk fastest.

Executive Level Communication: Cyber risk only matters if leadership understands it. PhishCloud translates technical exposure into operational, financial, and safety impact so boards and executives can make informed investment and governance decisions.

Cyber Fusion Integration: Our OT vCISO services are supported by PhishCloud Cyber Fusion Center strategies, enabling cross domain visibility, telemetry correlation, and faster decision making during incidents. This creates measurable resilience, not just policy documentation.

Production First Security Model: Everything we design is built to protect uptime. Our approach strengthens security posture without disrupting plant operations, helping organizations improve resilience while maintaining productivity and safety.

OT vCISO Key Deliverables

Typical outputs from the engagement:

Executive and Program

- OT cybersecurity strategy and 12 to 36 month roadmap.
- OT governance model, roles, decision rights, escalation paths.
- Board ready risk briefings with operational impact framing.
- KPI set and executive dashboard design.

Risk and Architecture

- Crown jewel identification, critical processes and assets mapping.
- OT risk register tied to downtime, safety, and production impact.
- IT to OT attack path review and priority mitigation plan.
- Segmentation and remote access guardrails, pragmatic architecture guidance.

Readiness and Response

- OT specific incident response plan and playbooks.
- Tabletop exercises for plant leaders and IT security, with after action report.
- Recovery decision framework for the first 72 hours of an OT incident.
- Vendor access governance, third party risk review template and workflow.

OT vCISO Key Benefits

How this helps teams immediately:

- Clarity on what matters most, and what to do next.
- Fewer surprises during incidents, faster containment decisions.
- Reduced third party and remote access risk.
- Better coordination across IT and OT teams.
- Defensible governance for regulators, insurers, and customers.
- Security progress that does not slow production.

OT vCISO Key Outcomes

What customers can expect to achieve:

- A prioritized plan that reduces operational cyber risk fastest.
- Faster incident decision making across IT and OT.
- Improved resilience and recovery readiness, aligned to production realities.
- Stronger audit posture through clear governance and evidence.
- A unified IT OT security narrative that leadership can act on.

If you want a clear, executive owned OT security program that reduces downtime risk without disrupting production, PhishCloud OT vCISO services are built for you.

