FRENOS

PURPOSE BUILT OT VULNERABILITY MANAGEMENT

Transform overwhelming vulnerability data into precise, actionable priorities *without touching a single production system.*

WHY FRENOS FOR VULNERABILITY MANAGEMENT?

CONTEXTUAL OT RISK SCORING

Beyond CVSS to Real OT Risk

Evaluates vulnerabilities based on your actual network segmentation, asset criticality, and compensating controls not generic scores that miss OT context

ZERO-TOUCH ASSESSMENT

100% Safe for Production

Analyze vulnerability exploitability without sending a single packet to production systems. No downtime risk, no operational disruption

ALTERNATIVE MITIGATION PATHS

When Patching Isn't Possible

Get 3-5 alternative compensating controls ranked by effectiveness when traditional patching would impact operations

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THE PROBLEM

Your OT vulnerability management challenges are unique:

- **Drowning in thousands of vulnerabilities** with no clear prioritization for OT environments
- **Traditional CVSS scores don't reflect real OT risk** or operational impact
- **Cannot use traditional scanning tools** without risking production downtime
- **Lack context** about which vulnerabilities are actually exploitable in your specific environment
- **Struggle to justify** patching decisions when downtime costs exceed security risks

> You need a solution that understands OT constraints and provides intelligent prioritization

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OUR TECHNOLOGY

FRENOS creates a digital twin of your OT environment to safely assess vulnerability risk.

The platform ingests your existing vulnerability data, network configurations, and asset inventory to build a comprehensive digital model. Our AI reasoning agent then evaluates each vulnerability against your specific:

- Network segmentation and firewall rules
- Compensating controls and security measures
- Asset criticality and operational dependencies
- Actual network paths and accessibility

> This contextual analysis reveals which vulnerabilities truly pose risk versus those already mitigated by your architecture

OUR VALUE

REDUCE VULNERABILITY BACKLOG BY 70%
Focus only on vulnerabilities that are actually exploitable in YOUR environment

CUT ANALYSIS TIME FROM WEEKS TO HOURS
Automated assessment replaces manual vulnerability analysis

JUSTIFY SECURITY DECISIONS WITH DATA
Prove to auditors why certain systems aren't patched and show compensating controls

PRIORITIZE BASED ON REAL RISK
See which vulnerabilities are blocked by air gaps, mitigated by firewall rules, or truly need immediate attention

KEY CAPABILITIES

VULNERABILITY CONDITION VERIFICATION	INTELLIGENT PRIORITIZATION	MITIGATION RECOMMENDATIONS
Validates if exploit conditions exist	Environment-specific risk scoring	Ranked alternative controls
Checks network accessibility requirements	Exploit likelihood assessment	Configuration hardening guidance
Verifies protocol and port availability	Business impact analysis	Segmentation improvements
Confirms version compatibility	Compensating control evaluation	Visibility enhancements

ABOUT FRENOS

FRENOS is the pioneer in AI native OT security posture management, protecting all 16 critical infrastructure sectors with its autonomous security platform. By combining digital twin technology with SAIRA, an AI reasoning agent, FRENOS enables organizations to continuously assess, prioritize, and defend mission critical environments. Purpose-built for OT environments and developed alongside partners from five critical infrastructure sectors, FRENOS is helping operational technology operators understand their posture today to protect against tomorrow's threats

DEPLOYMENT OPTIONS

On-premises • Cloud • Standalone laptop

No internet connection required

PROVEN RESULTS

"Reduced our vulnerability backlog by 70% by focusing only on exploitable issues"
~ OT Security Architect,
Fortune 500 Manufacturing

"Finally have data to justify why we're NOT patching certain systems"
~ Vulnerability Manager,
Critical Infrastructure

"Cut our vulnerability analysis time from weeks to hours"
~ OT Analyst, Energy Sector

Ready to transform your OT vulnerability management? **FRENOS.IO | INFO@FRENOS.IO**