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THE SIMULATED OT PENETRATION TESTING PLATFORM

Frenos empowers security professionals to scale OT assessments across operational technology environments at a fraction of the time. By combining a digital twin with an AI reasoning agent, the Frenos platform identifies the most probable adversary tactics, techniques, and procedures (TTPs), so organizations can prioritize their mitigation activities to stay ahead of today's threats. This intelligence-driven approach enables security teams to shift from reactive to proactive defense, delivering comprehensive assessments without any operational impact.

ABOUT THE PLATFORM

The Frenos Platform is designed for OT security professionals who need rapid, comprehensive assessments without operational risk. Our flexible deployment options include standalone laptop installations for air-gapped environments or on-premises deployment, ensuring your data remains under your control with no internet connection required. The platform accepts manual data uploads from your existing security infrastructure including asset inventories, spreadsheets vulnerability exports, router, and firewall configurations.

WHY FRENOS?

ASSESS CONTINUOUSLY WITHOUT DISRUPTION

Digital Network Twin

Creates a digital twin of your network from manually uploaded datasets to simulate attack scenarios, offering a comprehensive view of possible threats without impacting live systems.

Flexible Deployment

Run assessments on secure laptops for air-gapped environments or deploy on-premises for centralized analysis perfect for consultants and internal teams.

PRIORITIZE WITH SIMULATED AI REASONING

AI Adversarial Intelligence

The Frenos Platform employs SAIRA, our trained AI agent, to think like sophisticated adversaries within your digital twin, simulating millions of potential attack scenarios.

Threat Intelligence Simulation

Make threat intelligence actionable by simulating real attack scenarios to see which TTPs impact your environment and get prioritized remediation steps.

PREEMPT THREATS WITH FORWARD-LOOKING DEFENSE

Contextual Insights

Unlike solutions that overwhelm teams with generic recommendations, Frenos provides contextual, prioritized remediation guidance specific to your OT environment.

Preemptive Defense

Empowering security teams to take a proactive approach, staying ahead of potential threats and moving beyond reactive detection and response.

ASSESS



PRIORITIZE



DEFEND

Upload visibility, vulnerability, and segmentation data
AI-driven analysis identifies critical risks
Receive prioritized mitigations and track progress

