



SCALE YOUR OFFENSIVE OT ENGAGEMENTS

Conduct Comprehensive OT Security Assessments in Minutes Instead of Months
Test every possible attack path without risk, cost, or limitations.

WHY FRENOS FOR OT ASSESSMENTS?

UNLIMITED ATTACK SCENARIOS

Test Everything Safely

Explore thousands of attack paths simultaneously versus the limited scope of manual testing. No “no-touch” restrictions

CONSISTENT METHODOLOGY

Standardized Excellence

Ensure consistent, repeatable assessments across all sites and assessors with standardized testing methodology

CONTINUOUS ASSESSMENT

Always Current

Run daily or weekly assessments instead of waiting for annual penetration tests. Stay ahead of evolving threats and environmental changes

THE PROBLEM

Your OT assessment challenges are costly and limiting:

- **OT assessments take months** of planning with narrow testing windows
- **Cannot use traditional pen testing tools** without risking operational disruption
- **Limited by “no-touch” rules** that prevent realistic security validation
- **Expensive external consultants** provide limited, point-in-time assessments
- **Need to assess dozens of sites** but lack resources for manual testing
- **Difficulty maintaining** consistent testing methodology across different assessors

You need automated, comprehensive assessments that scale without compromise

OUR TECHNOLOGY


FRENOS automates comprehensive OT security assessments through digital twin simulation.

The platform enables continuous testing across all sites without operational impact:

- **Creates digital network twin** of your OT environments
- **Simulates all possible attack paths** using AI reasoning
- **Tests dangerous exploits safely** that would be off-limits in production
- **Scales instantly** across unlimited sites
- **Provides pen test quality results** in minutes


Our AI agent explores attack paths that human testers might miss

OUR VALUE




REPLACE \$200K+ ANNUAL PEN TESTING BUDGETS

Continuous assessment at a fraction of the costs




10X MORE ATTACK PATHS DISCOVERED

Comprehensive coverage vs sampling approach



REDUCE ASSESSMENT TIME BY 95%

From 3 months to 3 hours per site



SCALE ACROSS ALL LOCATIONS

Assess 100s of sites as easily as one site

KEY CAPABILITIES

COMPREHENSIVE COVERAGE	SAFE EXPLOITATION TESTING	MULTI-SITE SCALING
All attack vectors tested	Destructive attack validation	Parallel site assessment
Complete kill chain validation	DoS scenario testing	Centralized reporting
Lateral movement analysis	Safety system targeting	Comparative analysis
Privilege escalation paths	Critical process manipulation	Risk benchmarking
Data exfiltration routes	Zero production impact	Trend tracking

ASSESSMENT COMPARISON

TRADITIONAL PEN TESTING:	FRENOS PLATFORM:
3 MONTH DURATION	3 HOUR DURATION
5-8% COVERAGE	100% COVERAGE
ANNUAL TESTING	CONTINUOUS TESTING
SINGLE SITE FOCUS	UNLIMITED SITES
\$50-100K PER ASSESSMENT	FRACTION OF COST
LIMITED BY SAFETY RULES	COMPLETE TESTING FREEDOM
INCONSISTENT METHODOLOGY	STANDARDIZED APPROACH
POINT-IN-TIME SNAPSHOT	CONTINUOUS VALIDATION

USE CASES

OT SECURITY ASSESSMENTS

Automated penetration testing
Vulnerability validation
Architecture review
Compliance verification

MULTI-SITE VALIDATION

Enterprise-wide assessments
Site comparison benchmarking
Regional risk analysis
M&A security evaluation

CONTINUOUS TESTING

Daily security validation
Change impact analysis
Patch validation
Control effectiveness

REPORTING & OUTPUTS

Executive and technical reporting includes:

Attack Path Visualization:

Interactive kill chain mapping

Risk Prioritization:

Ranked by likelihood and impact

Mitigation Roadmap:

Step-by-step remediation guidance

Compliance Mapping:

NERC CIP, IEC 62443,
NIST alignment

Trend Analysis:

Security posture over time

Benchmarking:

Cross-site and industry comparisons

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

Replaced our point in time pen testing with continuous assessments"

- *CISO, Global Manufacturing*

"Discovered significantly more attack paths than our last manual assessment"

- *Red Team Lead, Energy Company*

"Validate security posture across all 50 locations, not just the main plant"

- *Risk Manager, Critical Infrastructure*