

# FRENOS + FORESCOUT

## CONTINUOUS OT SECURITY POSTURE MANAGEMENT

### Joint Solution Brief: Forescout & Frenos

Forescout and Frenos combine deep network visibility with AI-powered adversary simulations to enable organizations to continuously monitor and improve their OT security posture. This partnership transforms static vulnerability data into actionable risk intelligence, helping security teams proactively defend against evolving threats.

### Challenges in OT Security Architecture

- **LIMITED VISIBILITY:** Organizations often lack a clear, measurable overview of security posture across multiple OT sites.
- **VULNERABILITY OVERLOAD:** Teams face thousands of vulnerabilities without effective prioritization methods.
- **UNVERIFIED CONTROLS:** Traditional testing risks production stability, making control effectiveness unclear.
- **UNKNOWN ATTACK EXPOSURE:** Lack of insight into how attackers might exploit vulnerabilities and misconfigurations.
- **OUTDATED METRICS:** Infrequent evaluations fail to capture dynamic changes in OT environments.
- **COMPLIANCE GAPS:** Regulatory compliance alone does not ensure reduced risk or strong security posture.

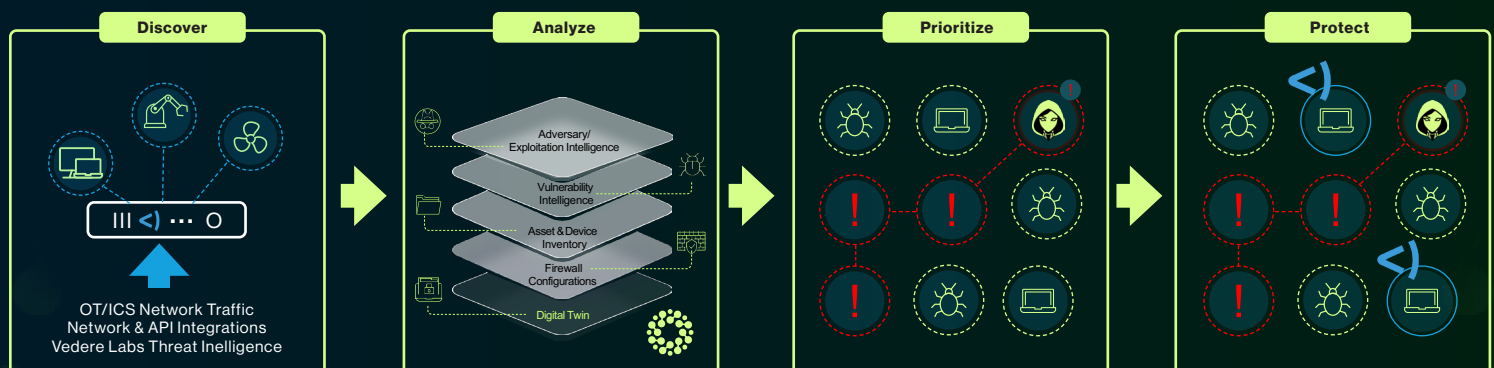
### Solution Architecture

Forescout discovers and monitors OT/ICS assets through deep packet inspection and network integrations, providing comprehensive visibility into industrial networks without disrupting operations. This rich asset inventory, vulnerability data including threat intelligence from Forescout Vedere Labs, and network topology information is automatically ingested by the Frenos Platform, which builds a digital twin of the environment for continuous posture evaluation.

Frenos' AI reasoning agent (SAIRA) simulates billions of adversary TTPs within this digital twin, measuring security posture through attack path analysis and control validation.

Leverage the power of Frenos and Forescout's orchestration and response to defend and protect OT.

The combined solution delivers continuous posture insights through executive dashboards, trending metrics, and prioritized improvement recommendations.



## Key Benefits

- **CONTINUOUS POSTURE MANAGEMENT:** Replace static checks with real-time security posture monitoring that adjusts to network changes. This combined approach allows for 24/7 posture tracking, showing improvements or issues as they happen.
- **EVIDENCE-BASED POSTURE SCORING:** Frenos uses Forescout's asset and vulnerability data to generate quantifiable security metrics like Mean Time to Compromise, attack path density, and defensive effectiveness scores, offering a clear view of actual security posture beyond compliance..
- **PROACTIVE POSTURE VALIDATION:** Use digital twin simulations to test your security posture against specific threat actors (e.g., Lazarus Group, XENOTIME, Volt Typhoon) safely and turn Forescout's passive monitoring into active posture validation without production risk.
- **PRIORITIZED POSTURE IMPROVEMENTS:** Get targeted, data-driven recommendations for the most effective security activities. See clearly how each step improves your posture score and reduces attack paths. Remediate and apply compensating controls to protect your assets.
- **MULTI-SITE POSTURE BENCHMARKING:** Use standardized metrics to compare security posture across all sites, monitor changes, and identify key factors improving your cyber resilience.

## Key Use Cases



### RISK-BASED POSTURE MANAGEMENT

- Baseline and track security posture
- Benchmark sites and generate executive reports
- Focus on vulnerabilities impacting posture



### THREAT-INFORMED DEFENSES

- Validate posture against APT tactics & malware campaigns
- Identify mitigated risks and apply compensating controls
- Continuously adapt defenses to new threats



### CONTINUOUS SECURITY OPTIMIZATION

- Monitor and validate changes in real-time
- Scale management and demonstrate ROI across environments
- Proactively improve compliance and reduce risks

**About Forescout:** Forescout Technologies, Inc. continuously identifies, protects and helps ensure the compliance of all cyber assets – IT, IoT, IoMT and OT. For more than 25 years, Fortune 100 organizations and government agencies have trusted Forescout to provide vendor-agnostic, automated cybersecurity at scale. The Forescout 4D Platform™ delivers comprehensive capabilities for network security, risk and exposure management, and threat detection and response. With seamless context sharing and workflow orchestration via ecosystem partners, it enables customers to more effectively manage cyber risk and mitigate threats.

**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