Solution Snapshot

FlintX™

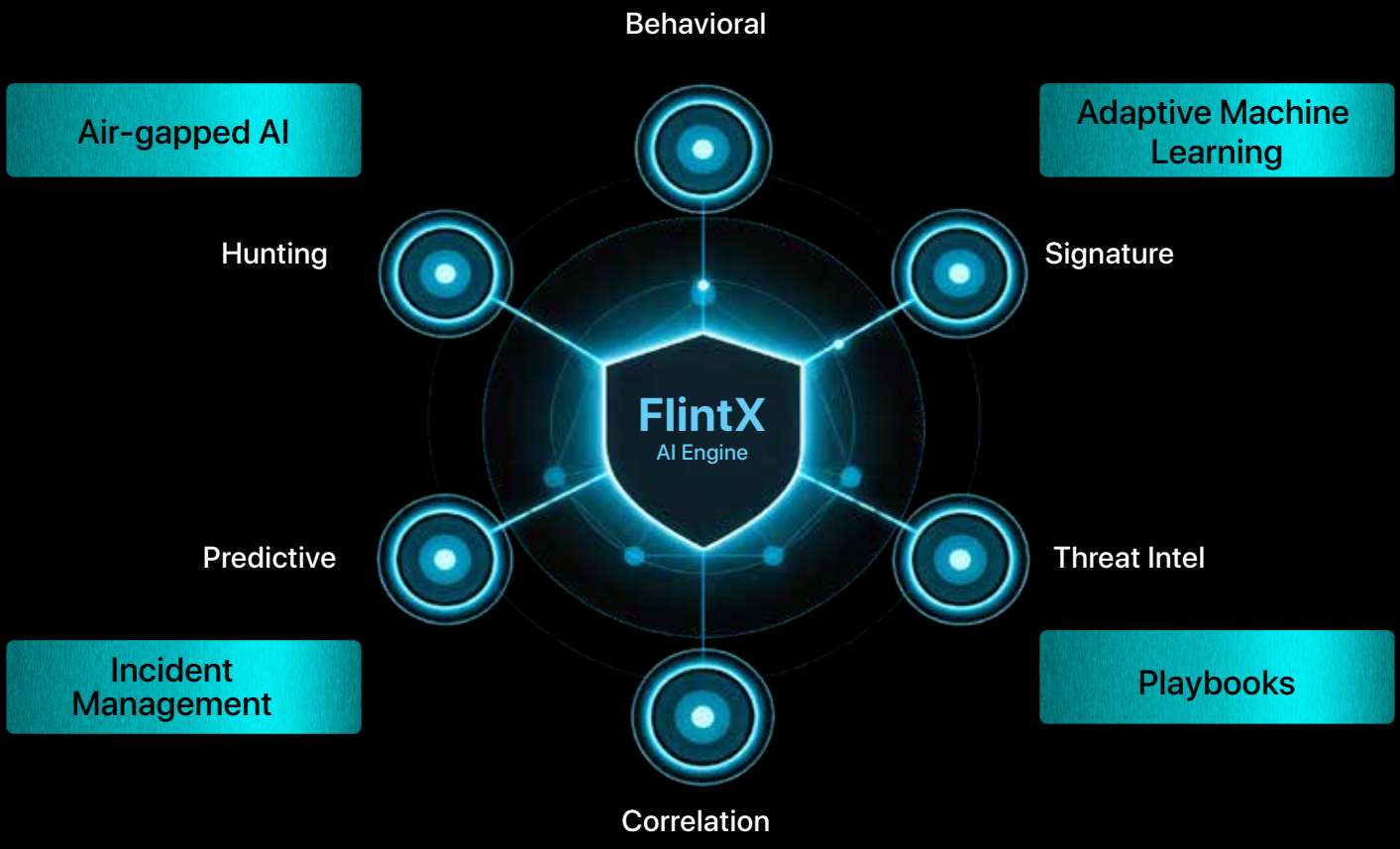
FORGE YOUR OT AI SOC

FlintX AI-Native OT Security Platform

Bridging the OT Cybersecurity Gap

AI Neural Engine

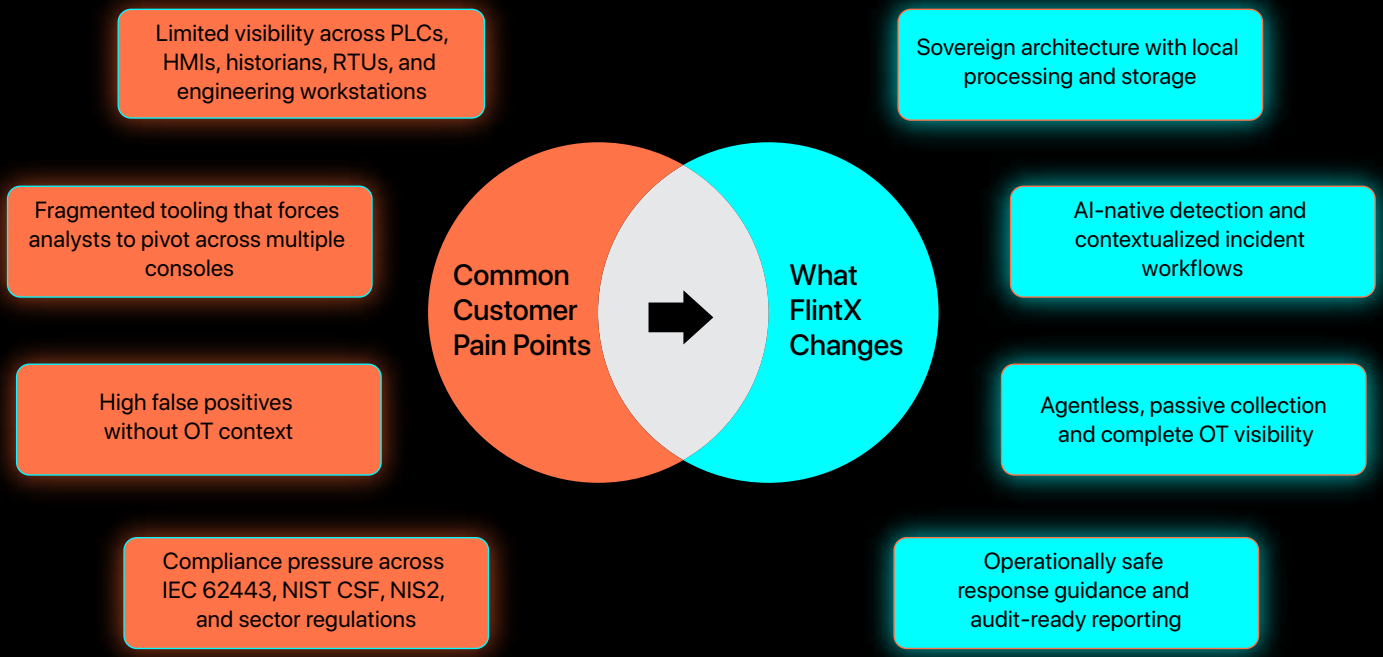
Real-time Threat Processing



Our name embodies our mission. Flint was humanity's first tool, used to write, illuminate darkness, hunt for survival, and begin civilization. Today, FlintX is beginning a new era in OT security, leveraging artificial intelligence.

https://FlintX.ai/

Why Customers Engage FlintX



FlintX is an AI-native OT cybersecurity platform built from the ground up for industrial environments. By combining air-gapped ML-based threat detection, a Risk Analysis Engine, and deep OT protocol intelligence, FlintX gives security teams the speed and context they need to detect, analyze, and respond to threats without disrupting operations.

78% Of OT environments have experienced a cyberattack

212 Days average Time To Detect An OT Breach

$4.7M Average cost of an OT security incident

Air-Gapped AI Engine

Air-gapped AI-based threat analysis and detection using ML algorithms with minimal false positives no data leaves your environment.

Risk Analysis Engine & Complete Visibility

Unified dashboards and integration with multiple point products, scored through our Risk Engine to reduce complexity and surface what matters most.

Industrial Focus

Purpose-built for OT, IOT, and traditional IT environments deep protocol awareness across Modbus, DNP3, OPC-UA, and proprietary ICS stacks.

Agentless Collection & Healing

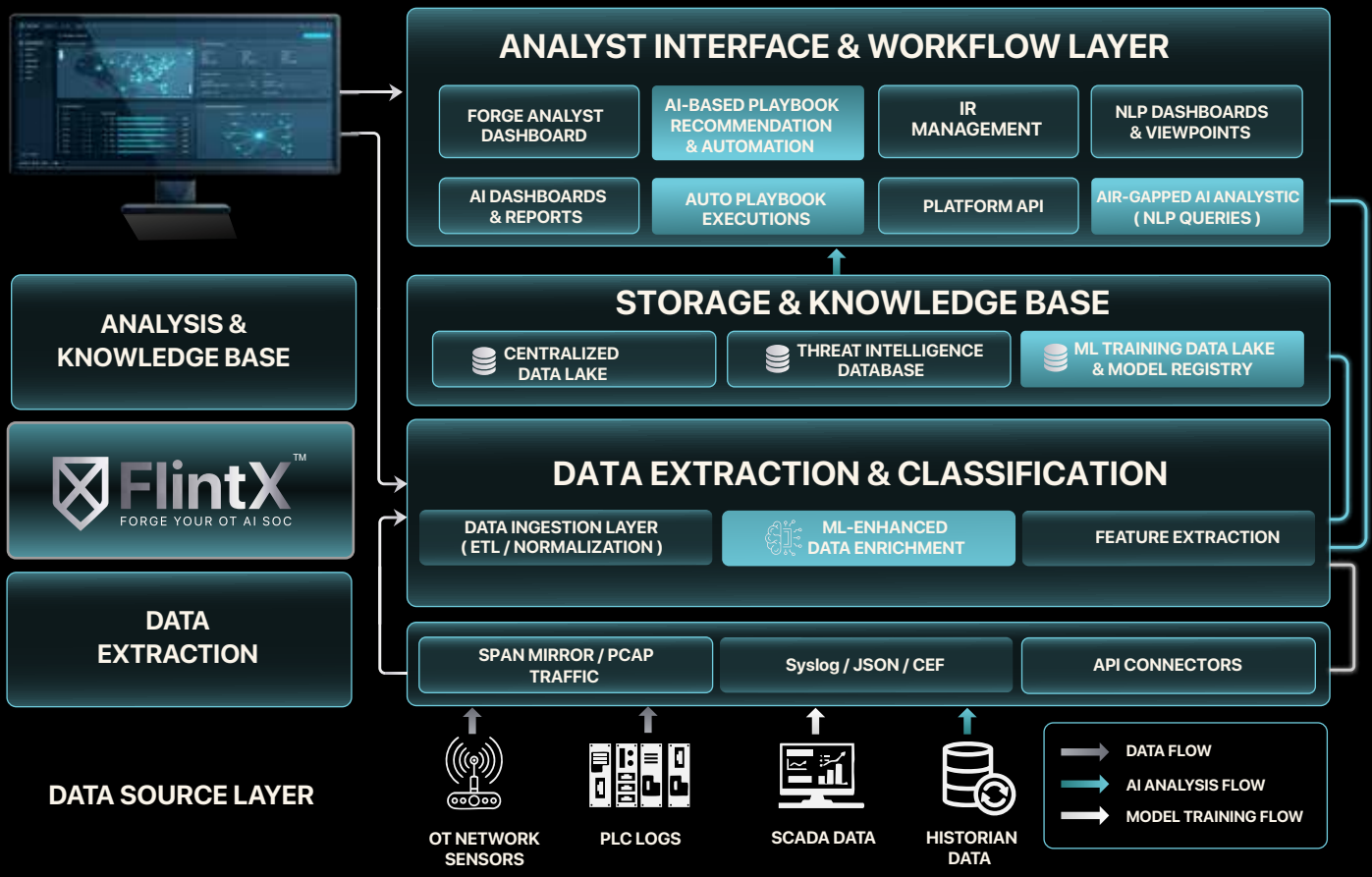
Centralized, passive data collection with no agents required on legacy OT assets, plus built-in remediation tools for critical threats.

Industry Coverage

- Oil & Gas
- Utilities & Renewables
- Manufacturing
- Transportation
- Smart Cities
- Ports & Logistics

Platform Capabilities

FlintX consolidates capabilities that typically require multiple point products into a single, agentless platform purpose-built for OT environments.



Full OT Asset Visibility

Automatic discovery and continuous monitoring of every OT asset PLCs, HMIs, historians, RTUs across your entire industrial network, no manual inventory required.

Simplified Workflow & Incident Management

Streamlined investigation queues, automated case creation, and structured analyst workflows reduce workload and eliminate the noise of managing multiple disconnected tools.

False Positive Reduction

Behavioural AI learns the unique patterns of your OT environment, dramatically cutting false positives so analysts focus only on genuine threats.

Easy Deployment Agentless

Passive, agentless architecture means FlintX connects to your network in hours no agents to install on legacy PLCs, no operational risk, no downtime.

Deep Threat Intelligence

OT-native threat intelligence mapped to MITRE ATT&CK for ICS surfaces adversary TTPs specific to industrial protocols and critical infrastructure attack chains.

NLP Queries

Analysts query their OT environment in plain English 'Show me all devices that communicated outside the DMZ this week' without writing SIEM rules or SQL.

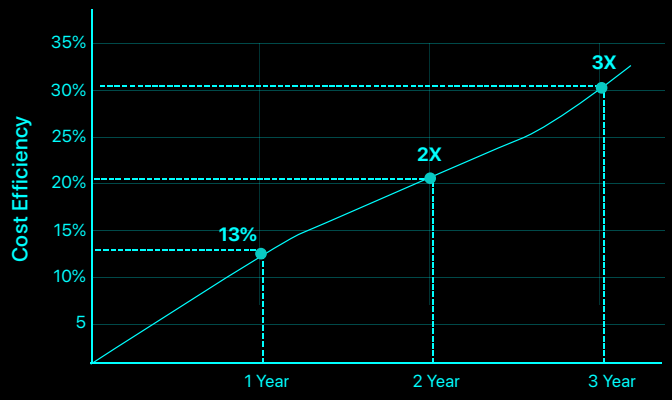
AI Data Sovereignty

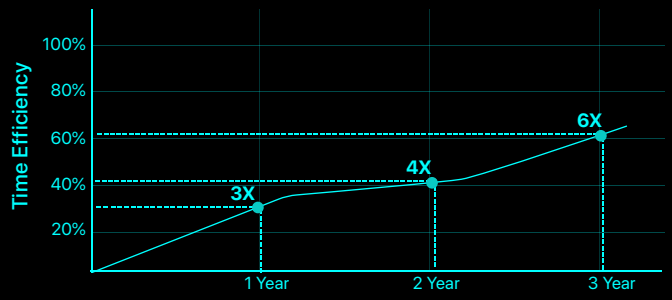
All AI inference runs on-premise. Your OT data never leaves your environment no cloud uploads, no shared training pipelines, full regulatory control

SOC Analyst Efficiency

FlintX transforms how analysts operate at every tier, reducing routine burden at Level 1, accelerating complex investigations at Level 2, and eliminating the overhead of managing a fragmented tool stack.

PERFORMANCE 1ST YEAR



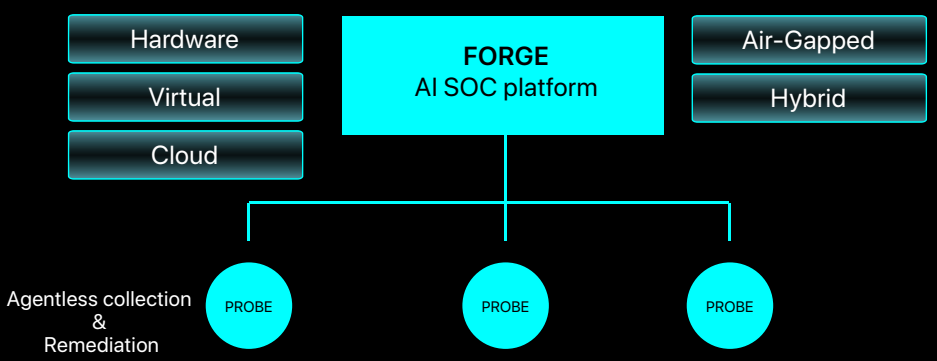


The FlintX Forge Reality

Every personal gets a fundamentally different experience faster, safer, and sovereign.

Phase	What Happens
COLLECT	FlintX passively ingests network traffic from the SCADA historian, PLCs, and engineering workstations via agentless sensors no disruption to live operations.
DETECT	ML algorithms identify anomalous Modbus polling patterns and unusual lateral communication between a vendor VPN session and PLC controllers within seconds.
ANALYZE	The Risk Analysis Engine correlates the activity against MITRE ATT&CK for ICS, scores asset exposure, and maps the full scope of affected devices with context.
RECORD	All events, asset states, and network behaviour are logged with a full audit trail preserving evidence chain for investigation and regulatory reporting.
REMEDIATE	Human analysts receive a prioritised, fully contextualised incident report with recommended remediation steps enabling fast, informed decision-making.
RCA & REPORT	Post-incident root cause analysis is generated automatically, with a structured report ready for internal review and compliance submission.

Deployment Structure



Business Outcomes

Operational Continuity

Stop attacks before they reach the control plane zero unplanned shutdowns.

3x Faster Response

AI SOC compresses MTTD from days to hour and MTTR from hours to hours.

Regulatory Compliance

Contianuous audit trails aligned to IEC 62443, NIST CSF, and NIS2 requirements.

Cost Comparison & ROI Analysis

The table below compares a representative OT security operation before and after deploying FlintX, illustrating measurable savings across headcount, tooling, infrastructure, and incident response.

Cost Category	Traditional OT security Tools	FlintX
Analyst Headcount	5FTE × $120,000	3 FTE × $120,000
Analyst Cost	$600,000	$ 360,000 (↓40%)
Software Licenses & Tools	$150,000	$135,000 (↓10%)
Infrastructure & Maintenance	$30,000 (Agent-based)	$7,500 (Agentless) (↓75%)
Annual Major Incidents	20 Incidents	20 Incidents
MTTR	24 hrs × 20 = 480 hrs	18 hrs × 20 = 360 hrs (↑25%)
Incident Response Hours	480 hrs × $60 = $28,800	360 hrs × $60 = $21,600 (↓25%)
Total Annual Expenditure	**$808,800**	**$524,100 (↓35%)**

$284,700
Total Annual Savings

25%
MTTR Improvement
(480 → 360 hrs)

$22,500
Infrastructure Cost Reduction

This is not just a SOC upgrade.
It is a foundational shift toward autonomous, sovereign, and intelligent OT security.

Ready to forge your OT AI SOC?

See how FlintX protects industrial environments in a live demo.

Request a Demo

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https://FlintX.ai/