CyberGuardian XDR

User Guide

Enterprise cybersecurity for organizations of any size

CyberGuardian XDR - detects and neutralizes threats in real time

MITRE ATT&CK Coverage | **NIS2 Compliance Support** | **SSL A+** | **Windows EDR / XDR**

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What is CyberGuardian XDR?

Next-generation extended detection and response platform

CyberGuardian XDR is a next-generation extended detection and response platform built for organizations that require enterprise-grade protection without enterprise-grade complexity. Installed on Windows machines, it provides real-time threat detection, automated response, MITRE ATT&CK coverage, NIS2 compliance support, and a bilingual BG/EN interface - all through one lightweight agent that installs in minutes.

1. Dashboard

This is the first page you see - the entire security picture on one screen. Three key numbers show the current state: total incidents, critical incidents, and unopened incidents. The Needs Your Attention section automatically prioritizes what requires immediate action. Security Posture Score summarizes the health of your entire infrastructure in one number. The system also recognizes when one technique dominates detections and points you to FP Control for tuning.

THIS GIVES YOU

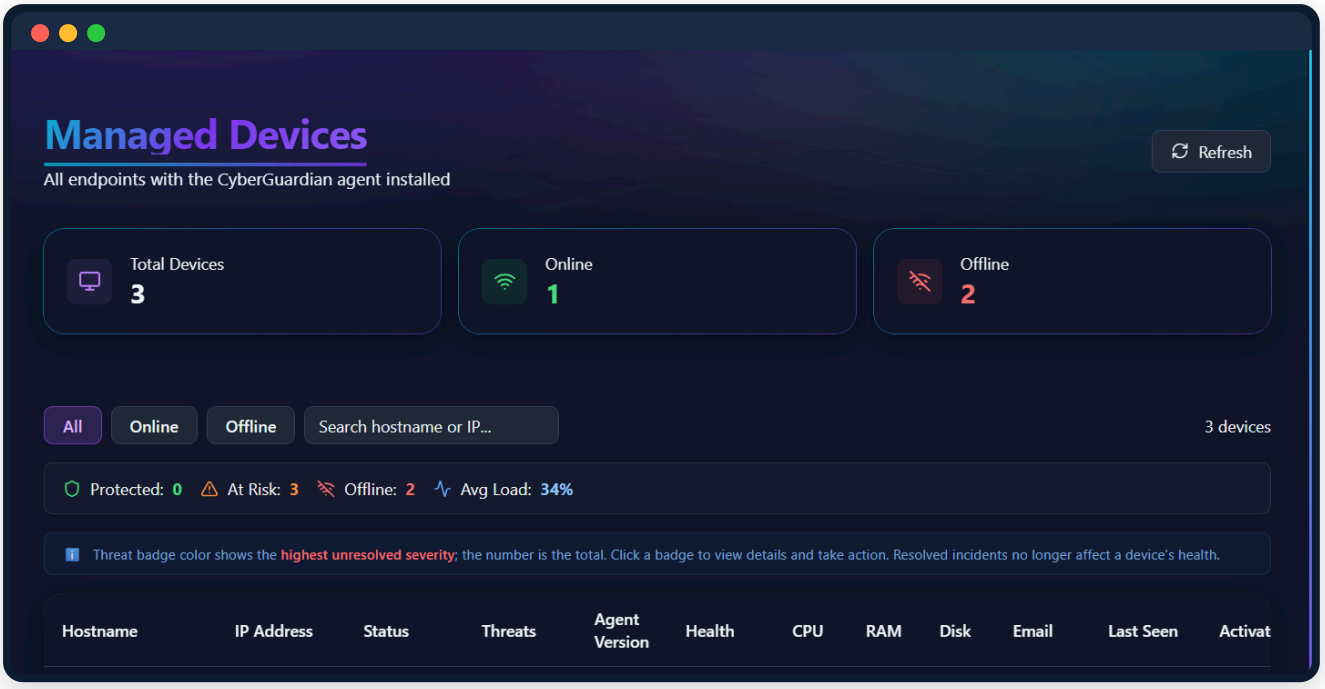
An answer to the question "Am I safe?" in seconds, without navigating through ten screens.

2. Managed Devices

A central view of all computers with the agent installed. You can see the total number of devices, how many are online and offline right now. For each device: network address, connection status, detected threats by severity, agent version, CPU, memory and disk usage, and the last active time. Color-coded threat indicators show the most severe unresolved incident. Search and filtering by name or status take you to a specific machine in seconds.

THIS GIVES YOU

See the status of every computer in the organization from one place instead of checking each machine separately.

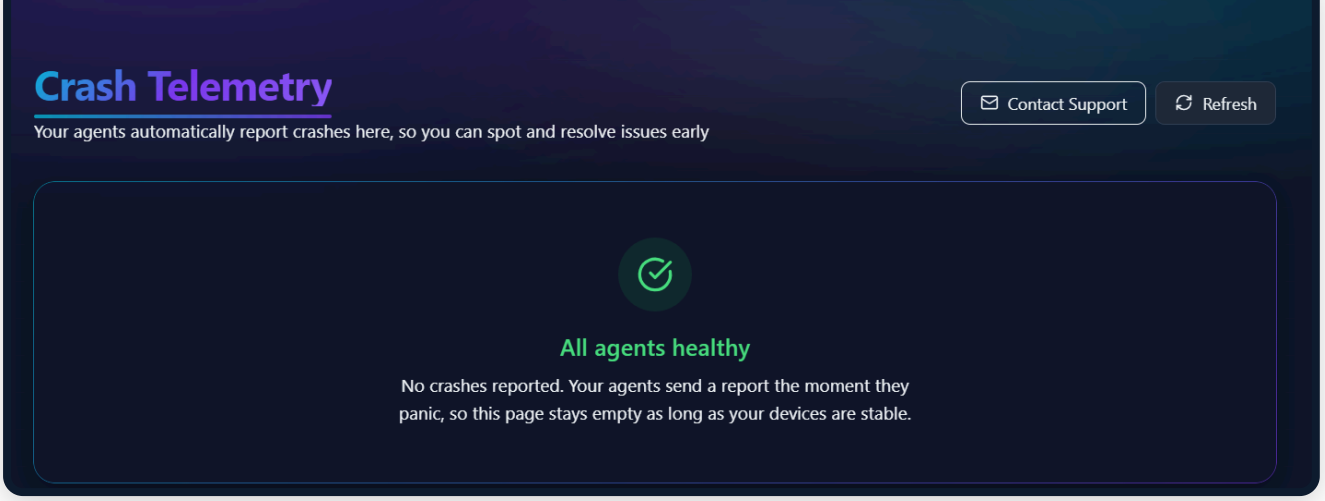


3. Crash Telemetry

If an agent on any computer encounters a serious problem, it reports it automatically and you see it immediately with full context. When the same issue affects several machines, the system groups them so you can instantly distinguish a widespread problem from an isolated case. The Contact Support button sends the request directly by email with ready diagnostics. When everything is fine, the page shows "All agents healthy".

THIS GIVES YOU

Resolve problems while they are still small instead of discovering them too late.

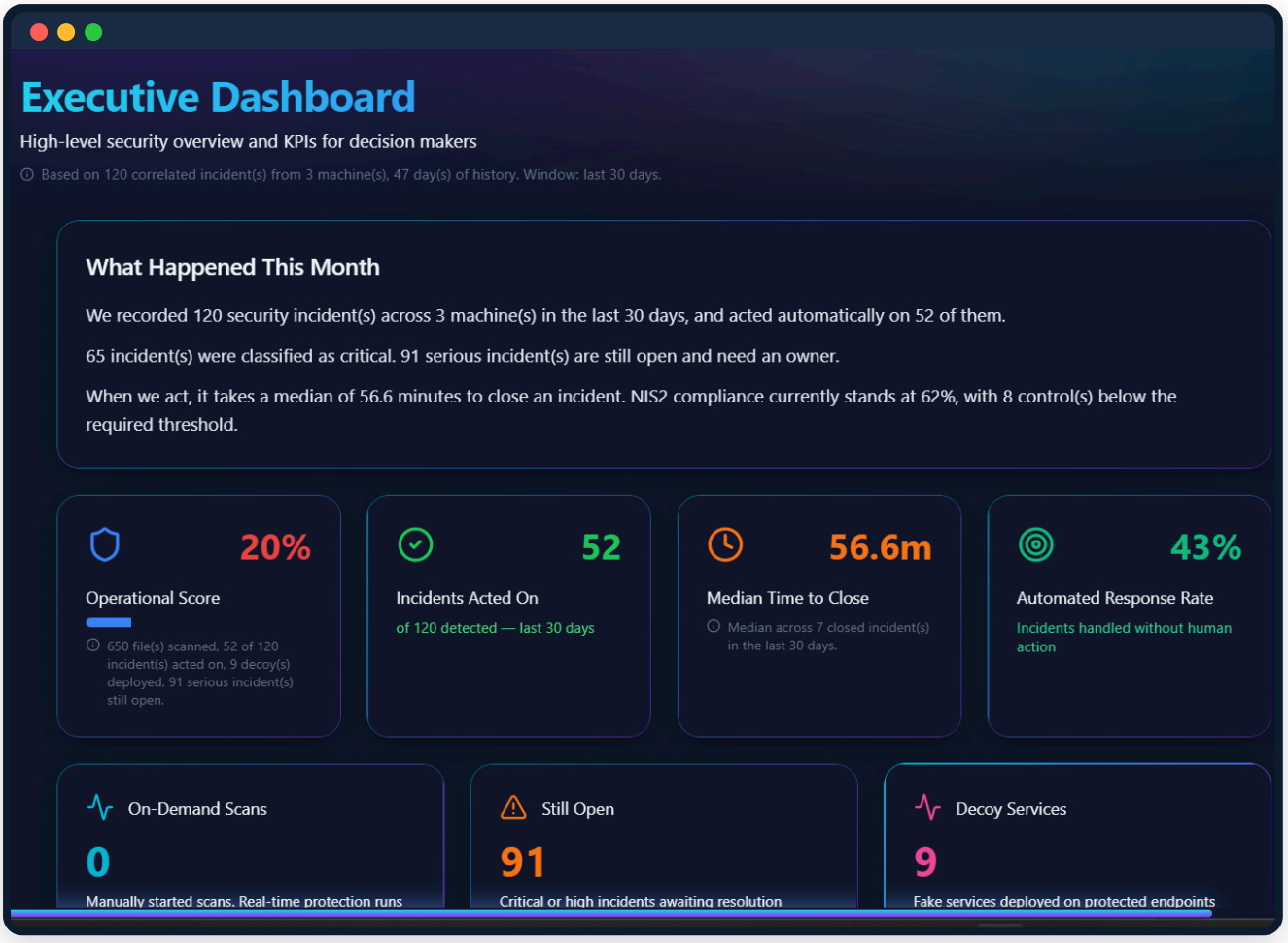


4. Executive Dashboard

The management page summarizes the month in plain language: how many incidents were recorded, how many were handled automatically, and how many remain open. Key indicators include Operational Score, the share of incidents with automated response, and average incident resolution time. NIS2 Board Risk Overview translates technical compliance into board-level language - readiness percentage and the number of controls below the required threshold.

THIS GIVES YOU

Management understands within minutes what happened and where the organization stands against the requirements - without translation from the technical team.



5. NIS2 Compliance

Built-in automated assessment against NIS2 Article 21 and the Bulgarian Cybersecurity Act (State Gazette No. 17 / 13.02.2026)

CyberGuardian XDR helps assess the organization against applicable requirements. Penalties for non-compliance can reach up to EUR 10,000,000 depending on the entity category and applicable regime. The platform supports work across the 10 control domains under Article 21, generates structured reports, and automates the Article 23 incident timeline.

NIS2 Compliance Overview

Real-time assessment against the mandatory controls under Article 21. Gap Analysis provides a prioritized action plan.

Know where you stand before the audit.

Audit Evidence Vault

Forensic evidence for every event. Export to PDF, CSV or JSON.

At audit time - one click, not a week of digging.

Vulnerability Scanner

Scans the inventory against the national vulnerability database in real time.

Know which programs are exploitable before the attacker does.

Patch Management

Tracks applied and overdue security updates and the status of automatic updates.

Close the most common door to compromise.

Network Security

Full firewall audit across the three profiles, with risk-based port classification.

Access Control

Finds passwordless accounts, excessive administrator privileges and unused accounts.

See open doors before someone else does.

Catch "forgotten" accounts - a favorite attacker entry point.

MFA & Authentication

Checks Windows Hello, remote-access protection and password protection in memory.

A stolen password alone is no longer enough.

Incident Response

Monitors the security log in real time for failed logons and privilege escalation.

You see the break-in attempt at the first knock.

Supply Chain Security

Scans applications for malware, unverified publishers and outdated versions.

Know what is actually installed and what creates risk.

Risk Assessment

Combines results from all NIS2 domains into a weighted score.

One number for the board, details for the technical team.

Cyber Hygiene & Training

Automated audit of screen lock, USB media and protection settings.

Small gaps that lead to major breaches - caught early.

NIS2 Executive Report

Structured compliance report for review and preparation before submission to CERT-BG.

Evidence preparation and reporting become significantly faster.

Policy Generator

Generates ready-to-use Word security policy documents tailored to your company.

Mandatory documents in minutes instead of weeks.

Training Tracker

Centralized register of mandatory training with validity tracking.

At an audit, show the register instead of collecting certificates from email.

Backup Security Monitor

Automatically checks whether you have an active, protected and up-to-date backup, including a remote copy.

When the worst happens, you have something to restore from.

Threats

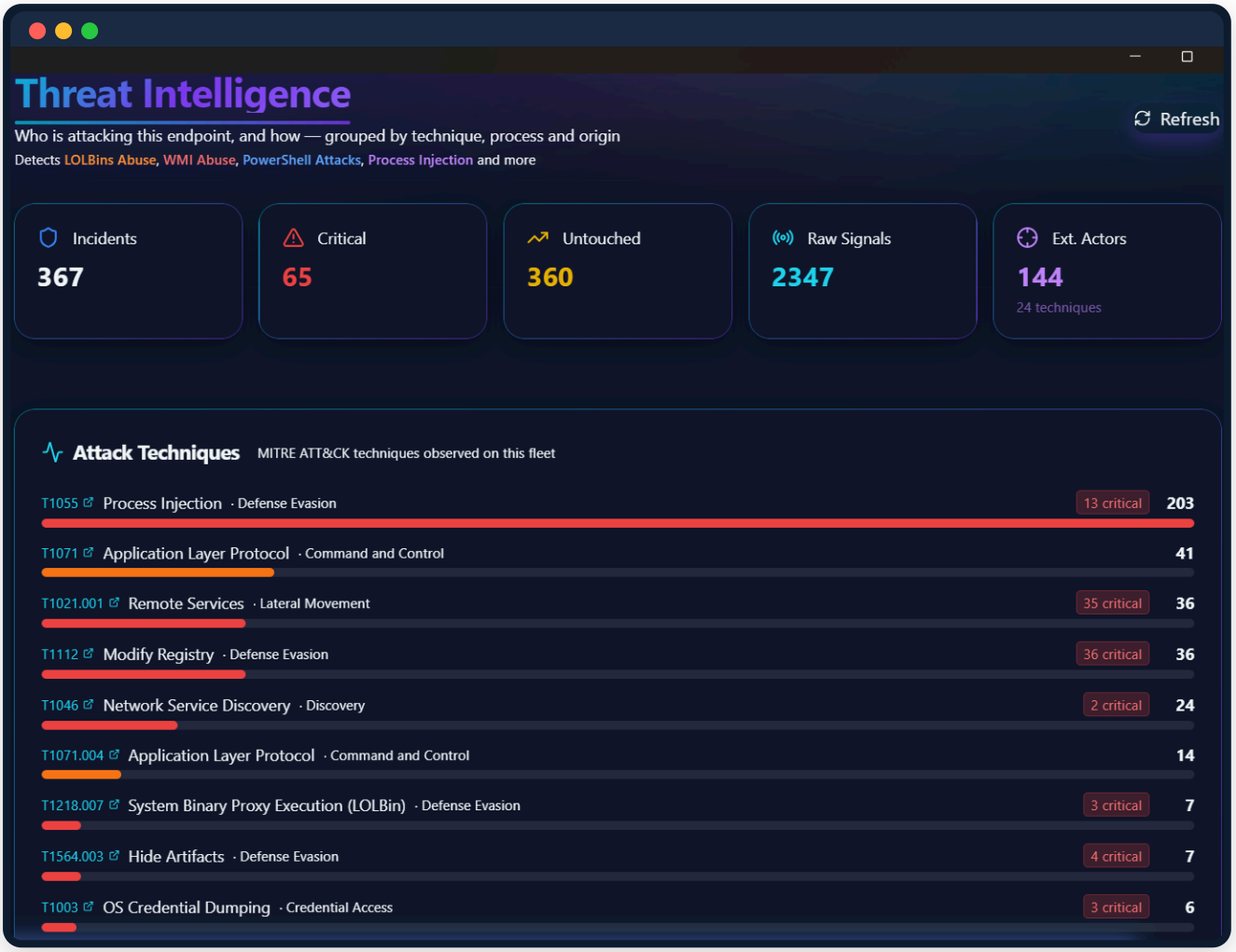
A complete picture of threats - from signals to attacker techniques and threat intelligence

6. Threats — Threat Intelligence

All detected threats are collected here - from abuse of system tools and PowerShell to code-injection attempts. You can see the total number of incidents, critical incidents, untouched incidents and Raw Signals, plus the number of unique External Actors. Attack Techniques shows every MITRE ATT&CK technique observed across the fleet, with incident counts and criticality. The AI Response Playbook button generates a personalized response guide.

THIS GIVES YOU

Never face a threat asking "What now?" - the system tells you exactly what to do.



7. Threats — Indicators of Compromise (IOCs)

The Indicators of Compromise database contains more than 1,000,000 active records from 11 independent global sources. Every IP, domain or file hash associated with known malicious activity is here. When multiple independent sources report the same indicator, confidence in it rises automatically. Filter by IOC type, severity and source.

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Newly disclosed global indicators reach the system through automatic updates.

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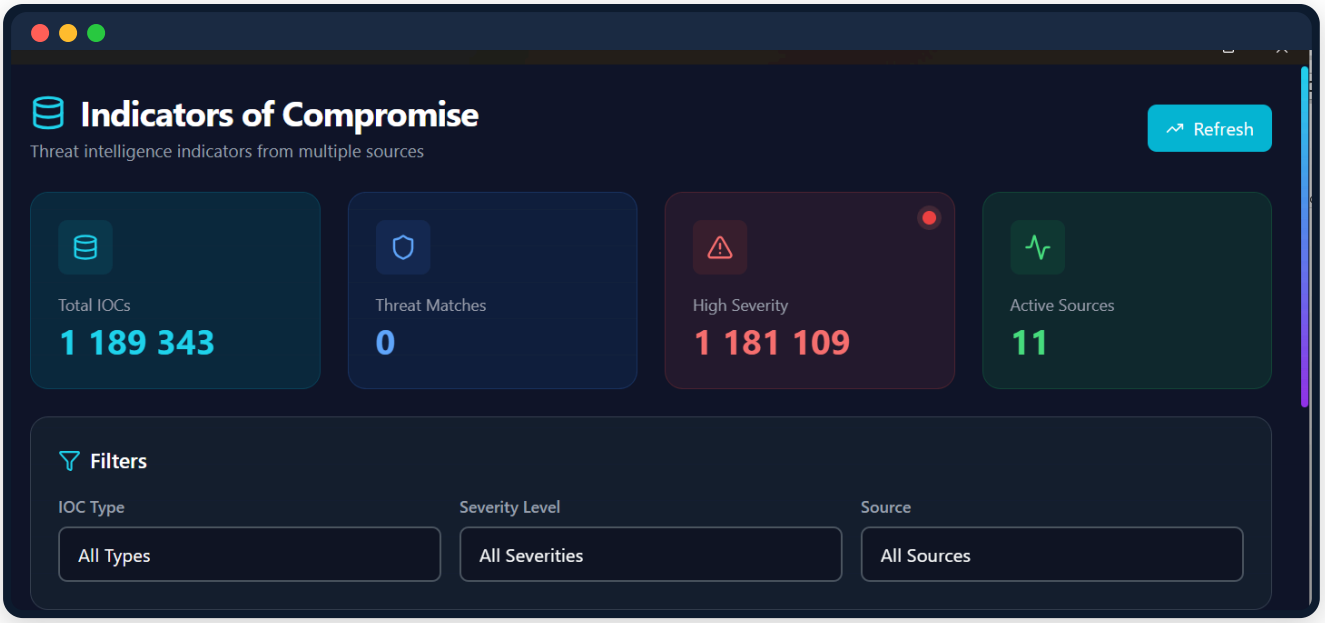


8. Threats — Threat Intelligence Feeds

The system is fed by leading global threat-intelligence sources - more than 1,000,000 active indicators of compromise, updated automatically every 6 hours. You can see each source, its status and the number of IOCs it contributes. When several independent sources report the same threat, confidence in it increases automatically.

THIS GIVES YOU

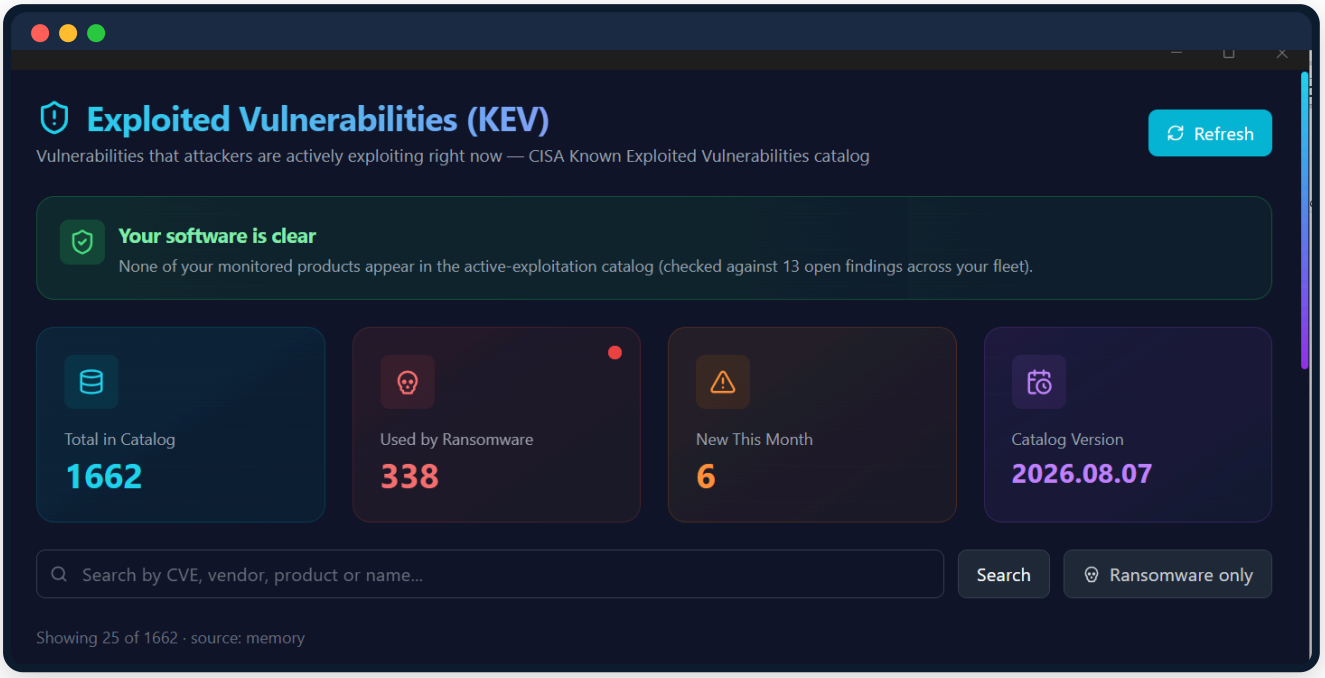
Newly disclosed indicators are added through automatic threat-intelligence updates.

9. Threats — Exploited Vulnerabilities (KEV)

Thousands of vulnerabilities are discovered every month, but only a small share are actively exploited by attackers. This page tracks exactly those in CISA's Known Exploited Vulnerabilities catalog. The system compares the catalog with the software on your computers and alerts you on a match. The current catalog contains 1,662 entries, of which 338 are linked to ransomware. Ransomware-related vulnerabilities are marked as most urgent.

THIS GIVES YOU

A concrete answer to "Am I at risk right now?" - so you focus effort where the danger is real.



Detection

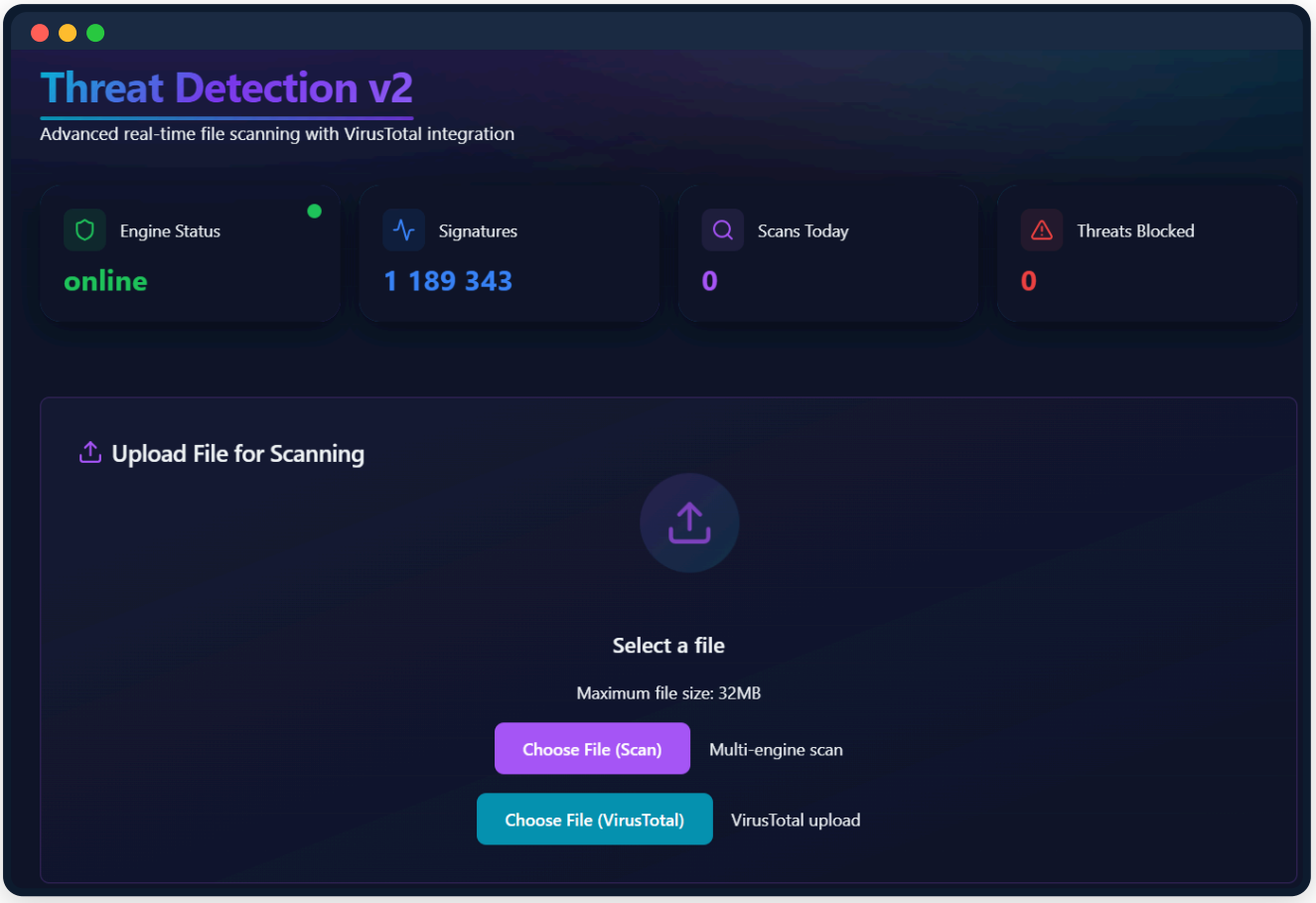
Multi-layer threat detection - signatures, behavior and real-time blocking

10. Detection — Threat Detection v2

Here you manage threat detection itself. You can see the size of the active detection base (shown in the interface as Signatures) - more than 1,000,000 records - and the operating mode. Scanning combines several independent analysis methods plus cloud verification. You can upload a specific file for checking through Multi-Engine Scan or directly through VirusTotal for independent verification.

THIS GIVES YOU

See not only that something was detected, but exactly what the system did - blocked it, remediated it, or only monitored it.



11. Detection — Runtime Blocking

Runtime Blocking watches everything executed on the computer in real time. When it detects suspicious behavior, it reacts immediately: the process is terminated (Killed), the change is reversed after detection (Remediated), or the event is logged for review (Detected). Every event is linked to a MITRE ATT&CK technique and Risk Score.

THIS GIVES YOU

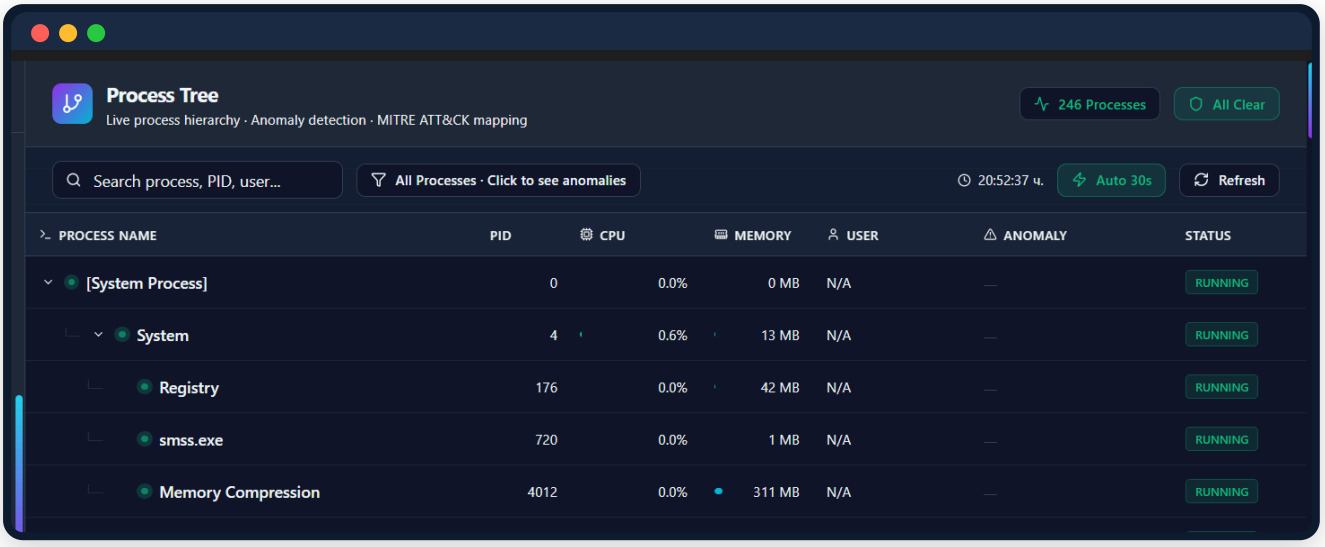
The threat is stopped at execution time - not after the damage has already been done.

12. Detection — Process Tree

A visual map of everything currently running on the computer - 246 processes arranged in a parent-child hierarchy. The system automatically highlights suspicious relationships: a program started by an unexpected parent, a code-injection attempt, or abuse of legitimate tools. Automatic refresh runs every 30 seconds.

THIS GIVES YOU

Attackers like to hide behind legitimate processes - here, their camouflage becomes visible at a glance.



Protection & Scans

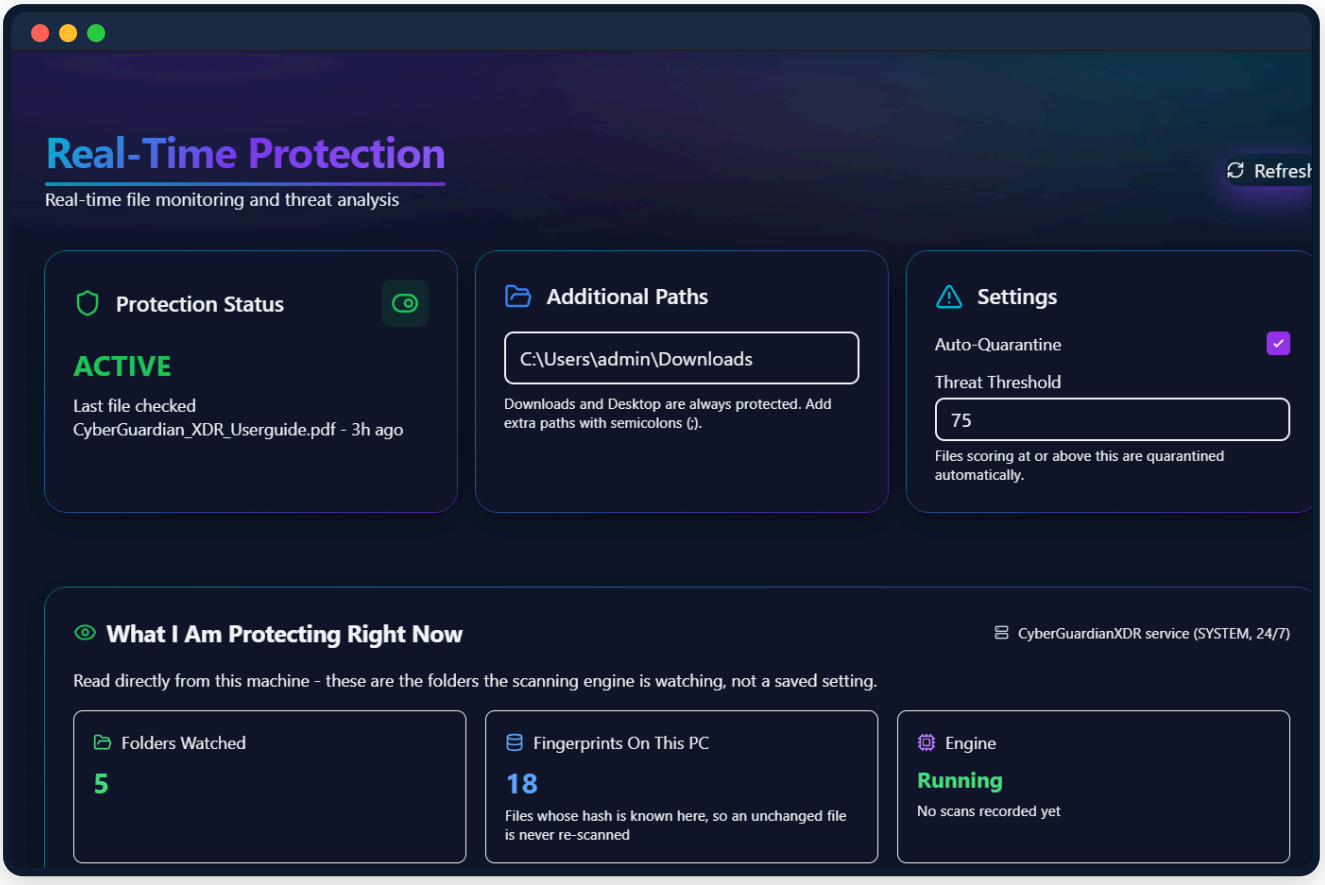
Real-time file protection and on-demand scanning

13. Real-Time Protection

This page continuously monitors the file system - every change is analyzed automatically as it happens. Dangerous files are sent to quarantine automatically, without your intervention. You can set the sensitivity (Threat Threshold) to control how strictly automatic action is applied. What I Am Protecting Right Now shows exactly which folders are being monitored and how many file fingerprints the system has stored on that machine.

THIS GIVES YOU

Peace of mind that the computer protects itself 24/7 - even when nobody is watching the screen.

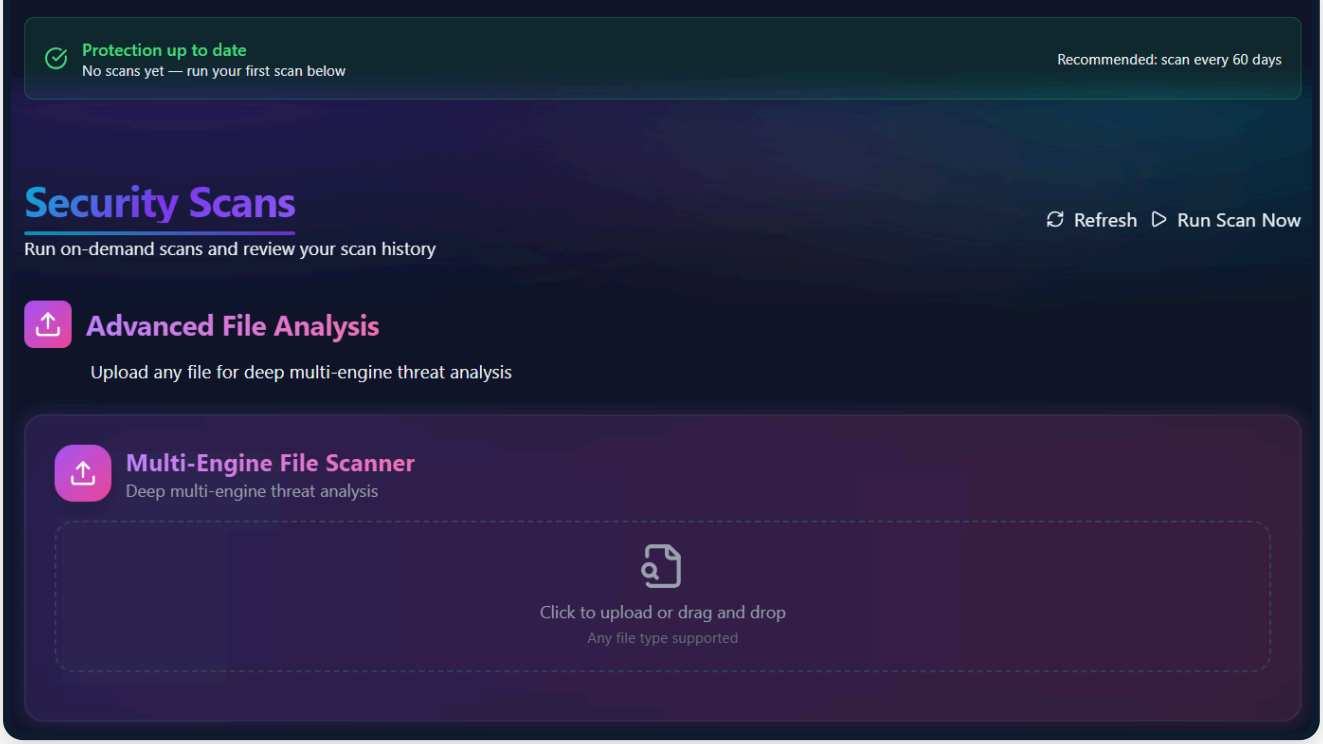


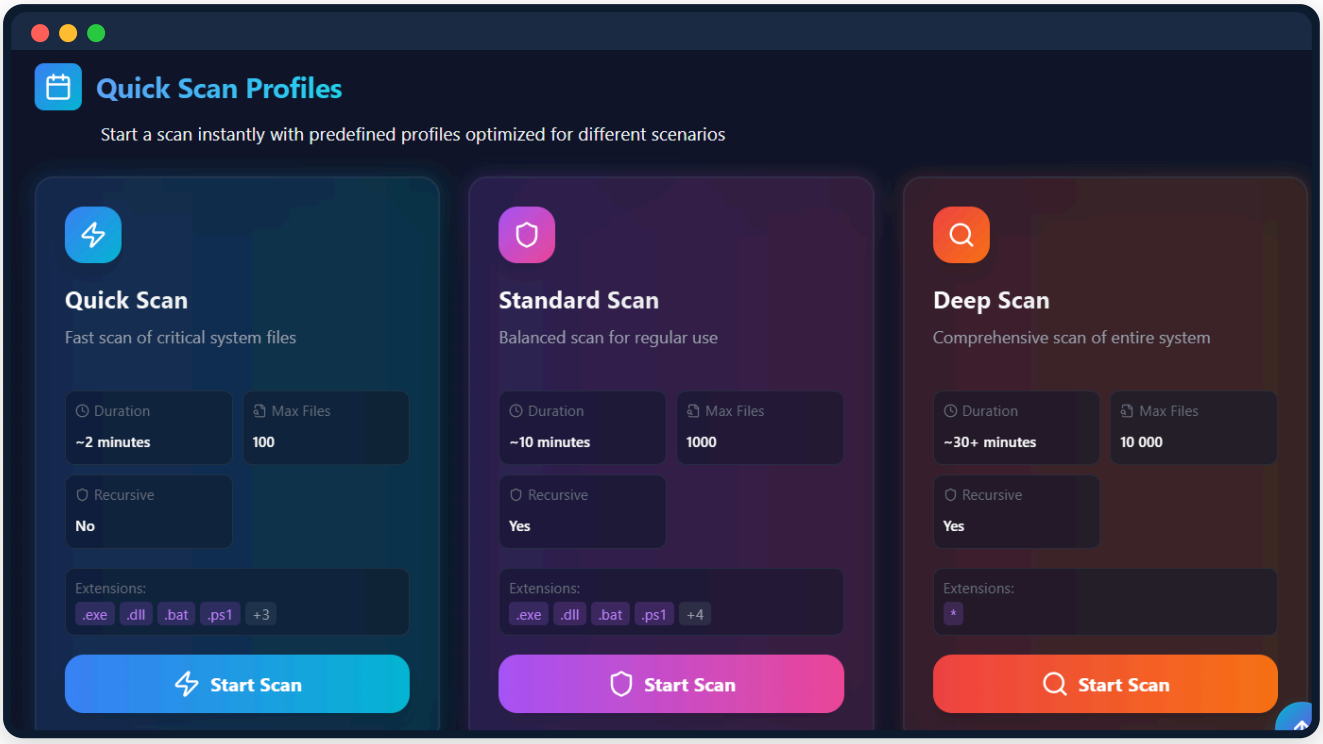
14. Scans — Security Scans

Start a computer scan whenever you want. Three profiles are available: Quick Scan (~2 min, 100 files), Standard Scan (~10 min, 1,000 files) and Deep Scan (~30+ min, 10,000 files). Suspicious of a specific file? Upload it and the system analyzes it through Multi-Engine File Scanner. The data does not leave your machine - scanning is local.

THIS GIVES YOU

Control in your hands - check anything suspicious immediately while routine scans run by themselves.



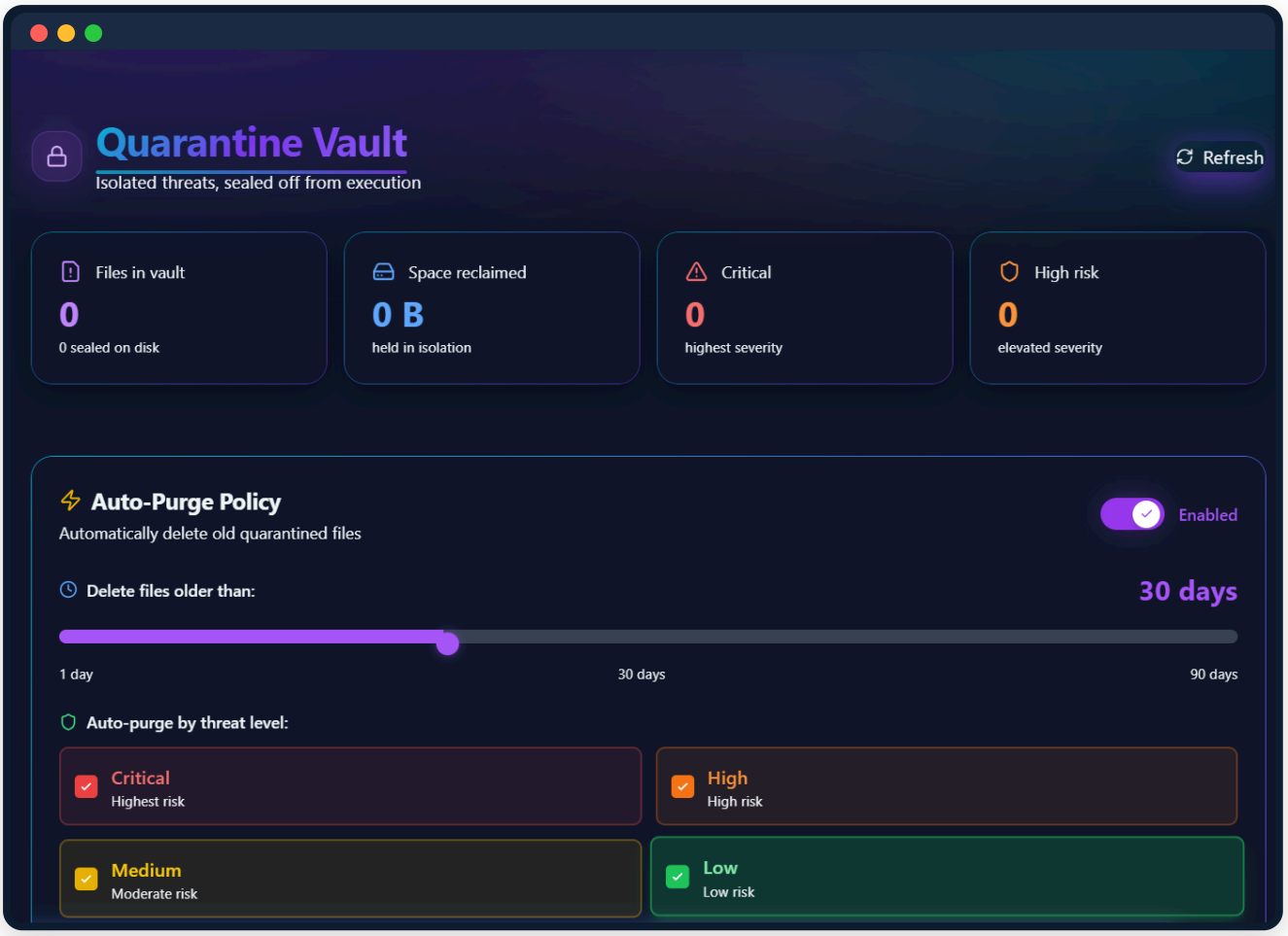


15. Quarantine Vault

Captured dangerous files are stored here - isolated, safe, but not deleted. You can see the number of files in the vault, storage used and severity levels. Auto-Purge Policy automatically cleans old entries according to a period you define (1-90 days) and threat severity. Every file can be reviewed and restored in case of a false positive.

THIS GIVES YOU

The captured file is neutralized, but nothing is lost - a false positive can be restored with one click.

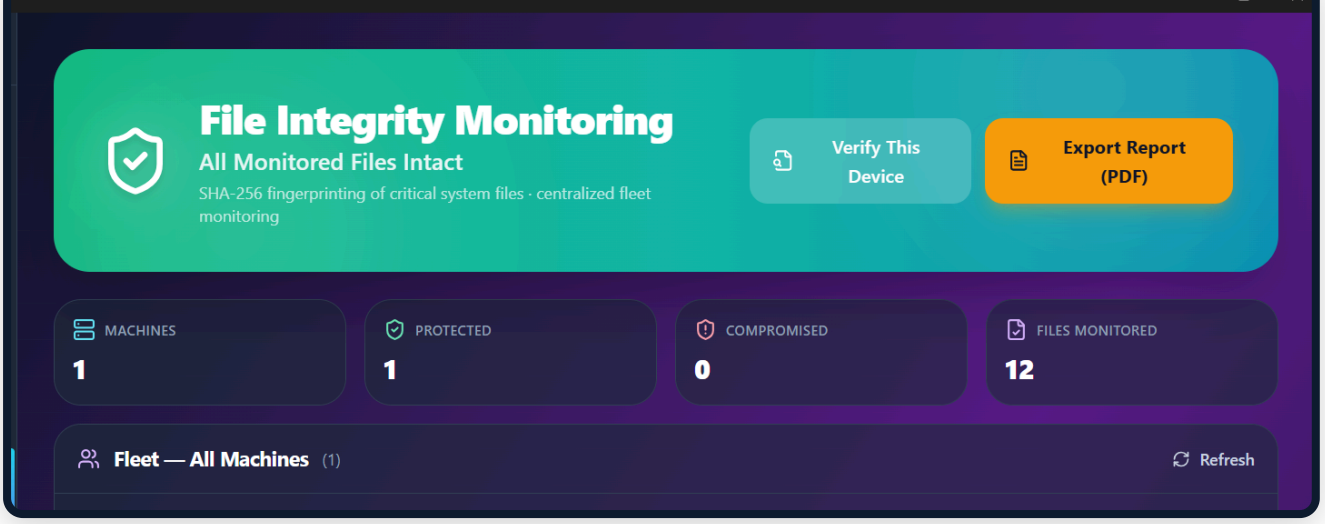


16. File Integrity Monitoring

Monitors critical system files for unauthorized changes using cryptographic checksums (SHA-256). A fleet-wide view shows the number of protected, compromised and monitored files. For a selected machine, you can see a detailed breakdown and generate a PDF report or start verification.

THIS GIVES YOU

Silent replacement of system files becomes visible immediately - on every machine in the fleet, with a single check.



17. Tamper Protection

The first goal of a serious attacker is often to disable your protection. This page shows an overall Protection Score (100/100) and four protection layers: Config Integrity (VALID), Ransomware Canary (ARMED - 3 decoys active), Watchdog (ACTIVE), and Process Protection (ACTIVE - 13 critical processes protected). Protection includes self-defense mechanisms.

THIS GIVES YOU

Multi-layer protection designed to make silent disablement harder, with visibility into the attack techniques it is built to resist.

Remediation

Complete removal of malware and persistence mechanisms

18. Malware Remediation

A standard antivirus deletes the file, but malware can leave persistence anchors in the system - in the registry, services and scheduled tasks. Four specialized tools remove them thoroughly: Registry Cleanup scans and removes malicious registry entries with automatic backup before deletion; Services Cleanup finds and stops malicious Windows services; Tasks Cleanup removes malicious scheduled tasks; and Deep Quarantine performs full analysis and removal. Everything runs locally - data does not leave the machine.

THIS GIVES YOU

Reduce the risk of the threat returning after a restart.

Insights

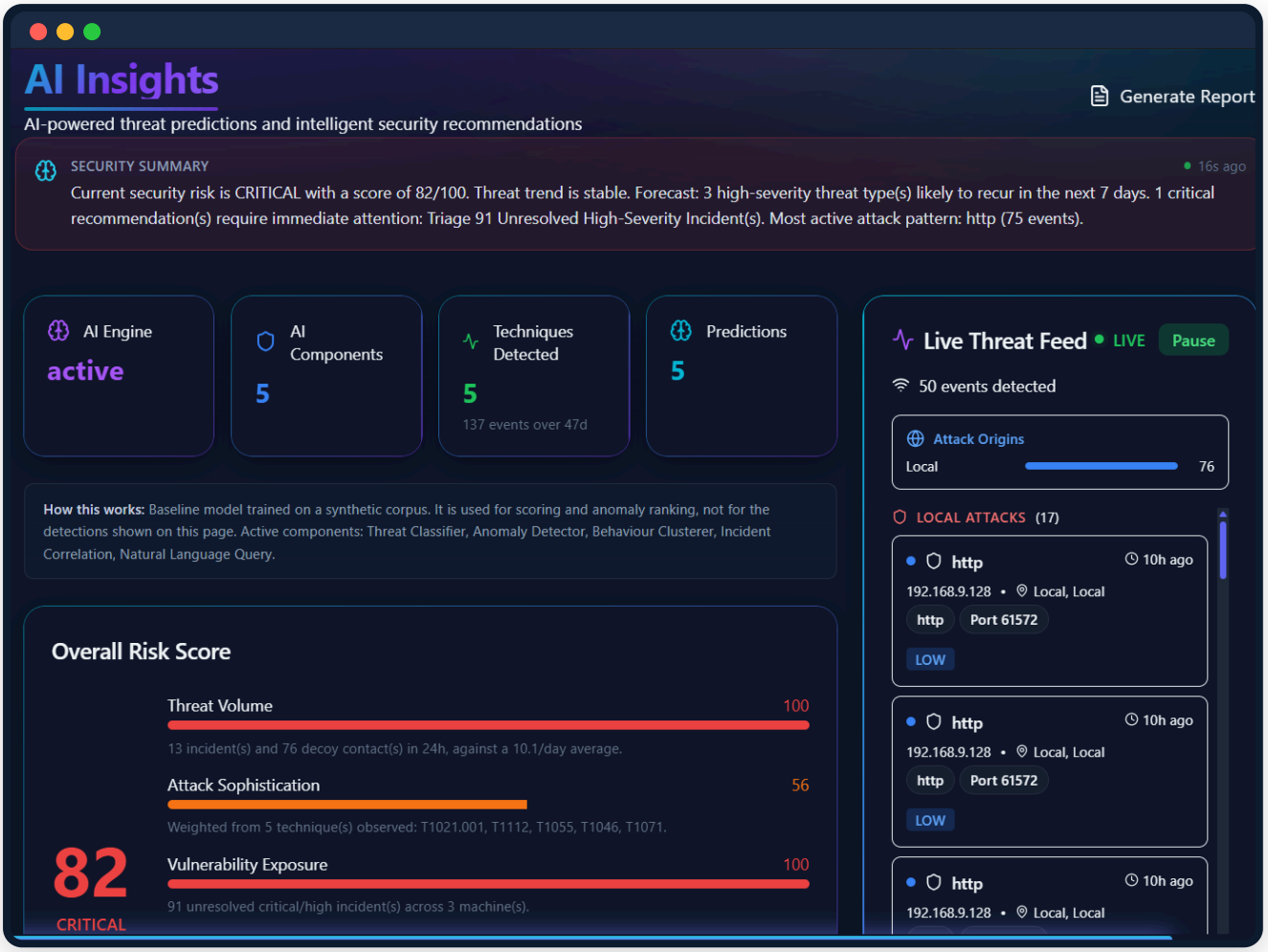
Artificial intelligence analyzes risk and provides a ready action plan

19. AI Insights

AI continuously analyzes all data from your environment and provides a short natural-language summary of the current risk and what needs attention first. Overall Risk Score from 0 to 100 is broken down into five factors: Threat Volume, Attack Sophistication, Vulnerability Exposure, Incident Frequency and Security Posture. Live Threat Feed shows incoming threats in real time, classified by origin.

THIS GIVES YOU

Clearly see how exposed you are right now and why, instead of interpreting charts and numbers yourself.



20. Predictive Threat Timeline & What-If Simulator

Predictive Threat Timeline shows whether attack activity is rising or falling over the last 24 hours, 7 days or 30 days. What-If Simulator is a planning tool: model a hypothetical scenario - attack type, intensity and duration - and see how your current defenses would perform. The tool is explicitly identified as a simulation, not as a measurement of the live environment.

THIS GIVES YOU

Know not only what is happening, but where the trend is heading - and plan proactively.

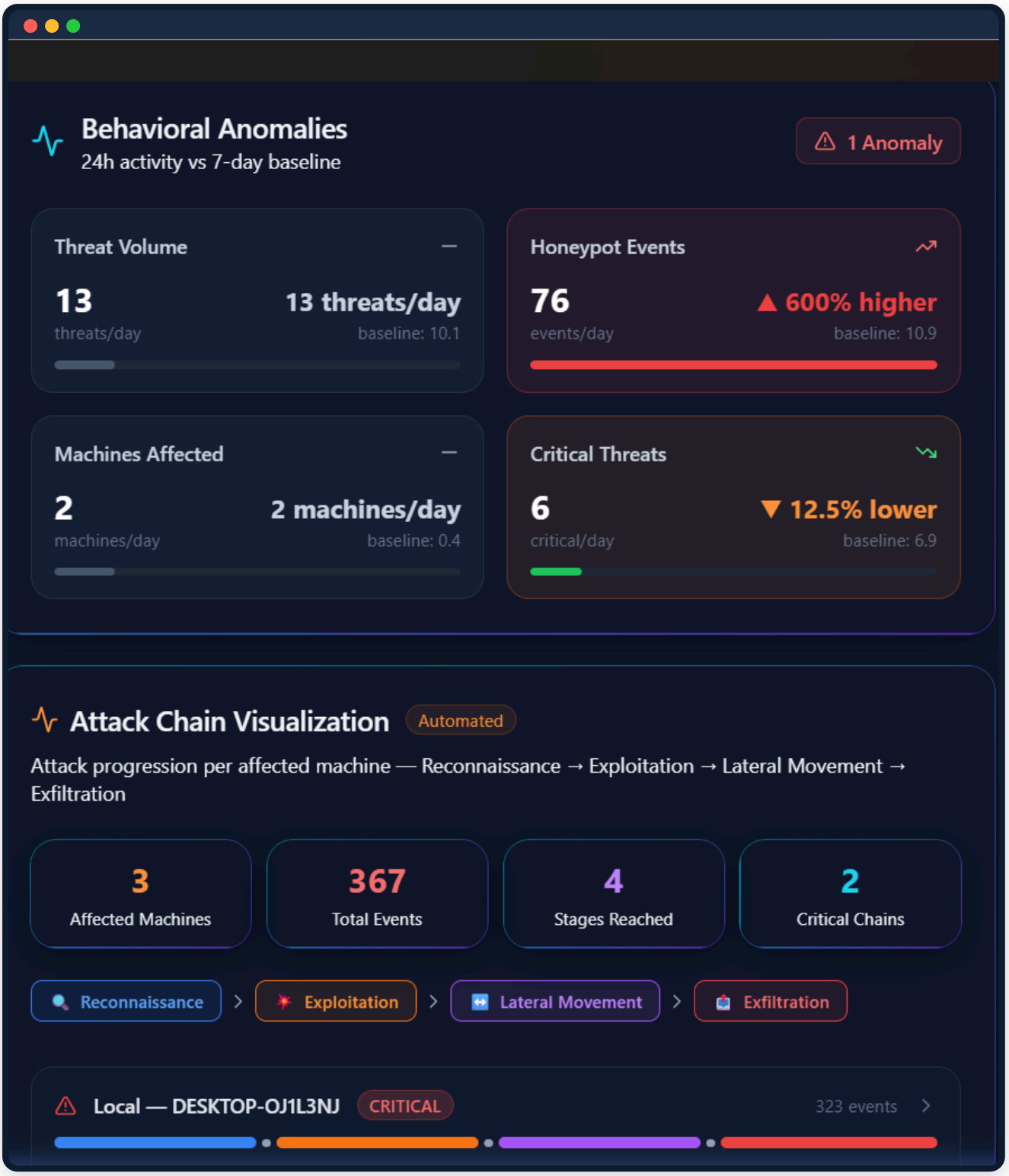
Know not only what is happening, but where the trend is heading - and plan proactively.

21. Behavioral Anomalies & Attack Chain Visualization

Behavioral Anomalies compares the last 24 hours with a 7-day baseline, showing whether threat volume, honeypot events, affected machines and critical threats are above or below normal. Attack Chain Visualization tracks attack progress per machine: Reconnaissance > Exploitation > Lateral Movement > Exfiltration, with the number of affected machines, total events and critical chains.

THIS GIVES YOU

See not just individual incidents, but the full attack picture - what stage it has reached and which machines are affected.

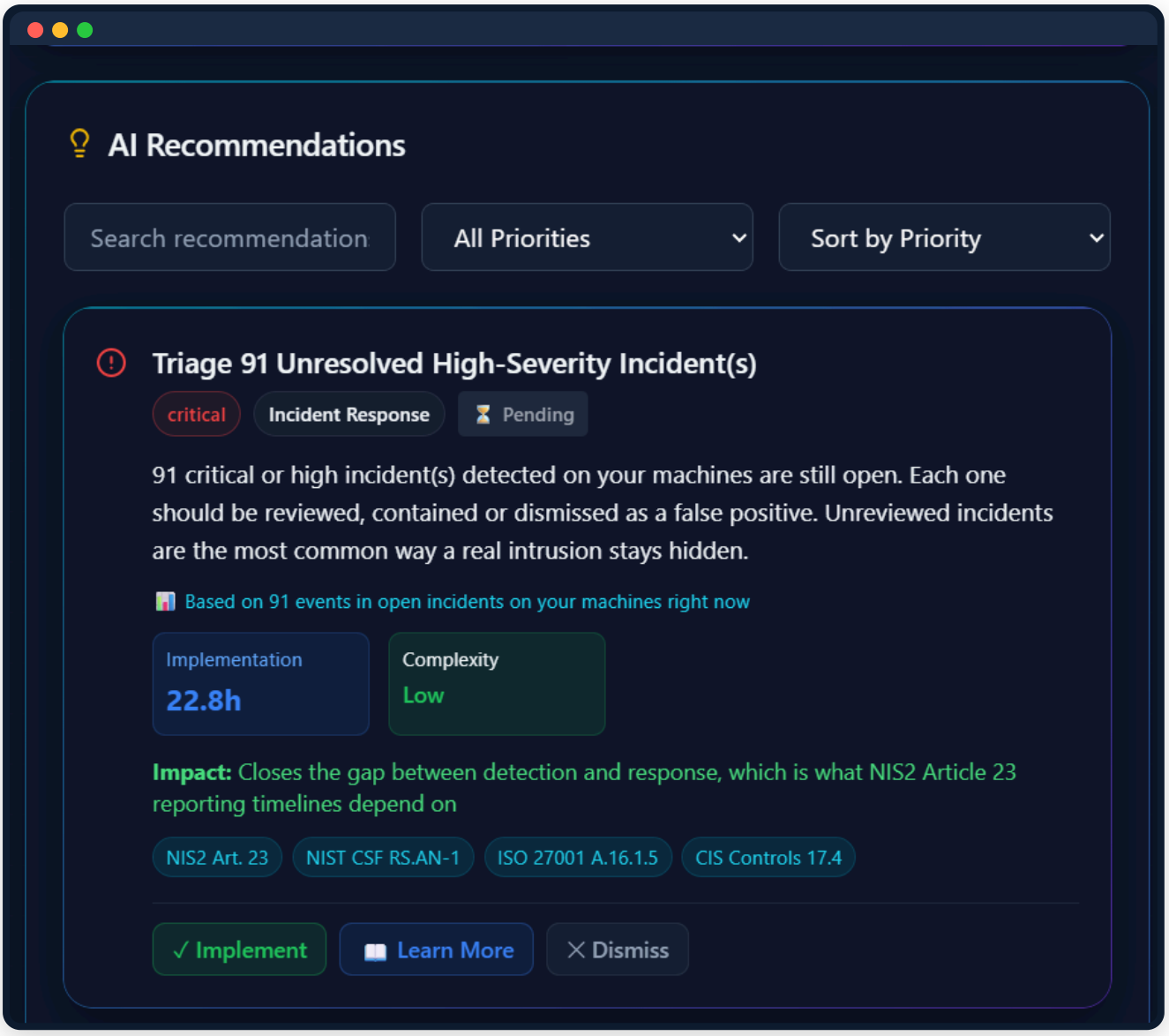


22. AI Recommendations

AI turns the analysis into a concrete task list ordered by priority. For each recommendation, you can see why it was suggested, the expected implementation time, complexity, and the expected security impact - including a direct link to the relevant NIS2 requirement. Filter by priority and sort by importance.

THIS GIVES YOU

Not just a list of problems - a ready action plan, with priority and estimated effort for every step.



ML Models & Incidents

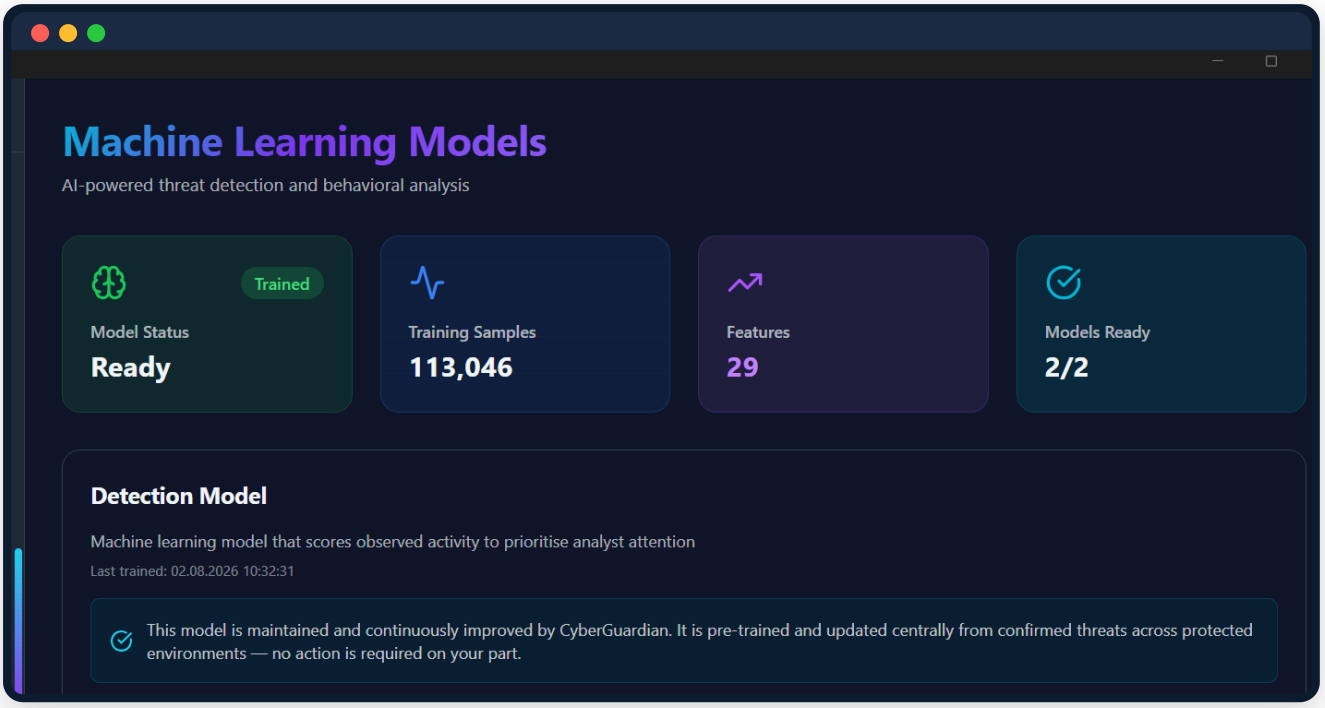
Machine learning behind detections and correlated incidents with NIS2 reporting

23. Machine Learning Models

Here you can see and manage the AI behind detections - model status (Ready / Trained), number of training samples and independent features used for decisions. Current state: 113,046 training samples, 29 features, 2/2 models ready. The models are maintained and updated centrally by CyberGuardian using confirmed threats from protected environments - no action is required on your side.

THIS GIVES YOU

AI models refreshed with confirmed training data - without manual maintenance on your side.



24. Correlated Incidents

Most serious attacks are not a single event, but a chain of steps. This page links separate signals into common incidents with severity, confidence and Auto-Response status. Response Performance shows average time to acknowledge, contain and resolve incidents. For an incident requiring reporting under NIS2 Article 23, the 24h Early Warning, 72h Notification and Final Report actions are directly available next to it.

THIS GIVES YOU

Manage the entire incident response, with the NIS2 clock in front of you, from one page.

Correlated Incidents

Attack chain reasoning — isolated signals connected into incidents

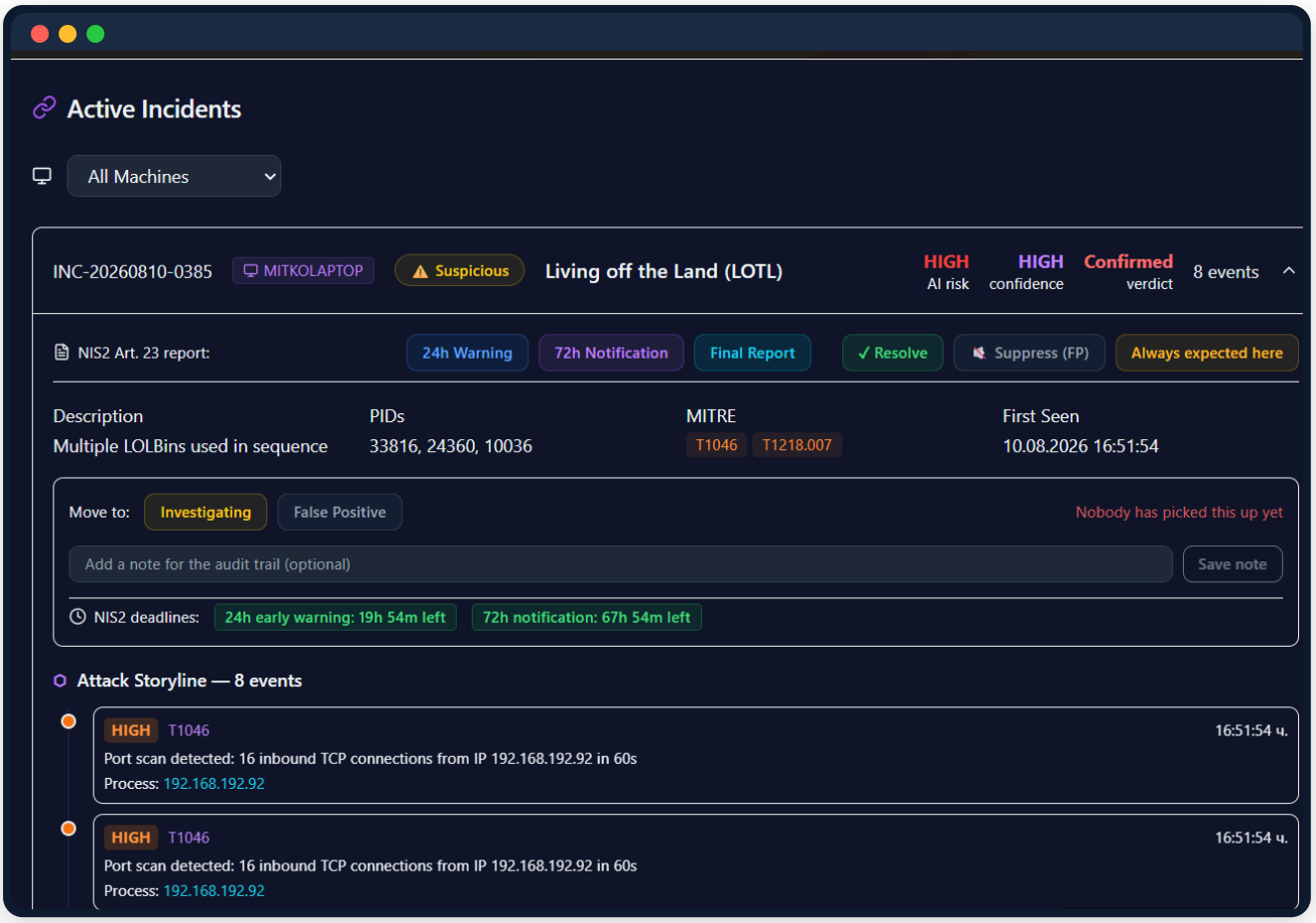
Active Incidents	Auto-Response	High Confidence	Suppressed (FP)
113	52	12	5

Response Performance

Mean time to acknowledge	Mean time to contain	Mean time to resolve	Never picked up
—	—	—	0
from 0 incidents	from 0 incidents	from 0 incidents	of 0 open

Averages are computed only from incidents that actually reached each milestone. A dash means no incident has reached it yet — it is not a zero.

Each incident shows the machine, AI risk level, confidence and verdict. Expand the incident to see the full Attack Storyline - every event in chronological order with its MITRE technique. NIS2 deadlines show the countdown to the reporting deadline. You can add a note to the audit trail, mark the incident as a False Positive, or resolve it.

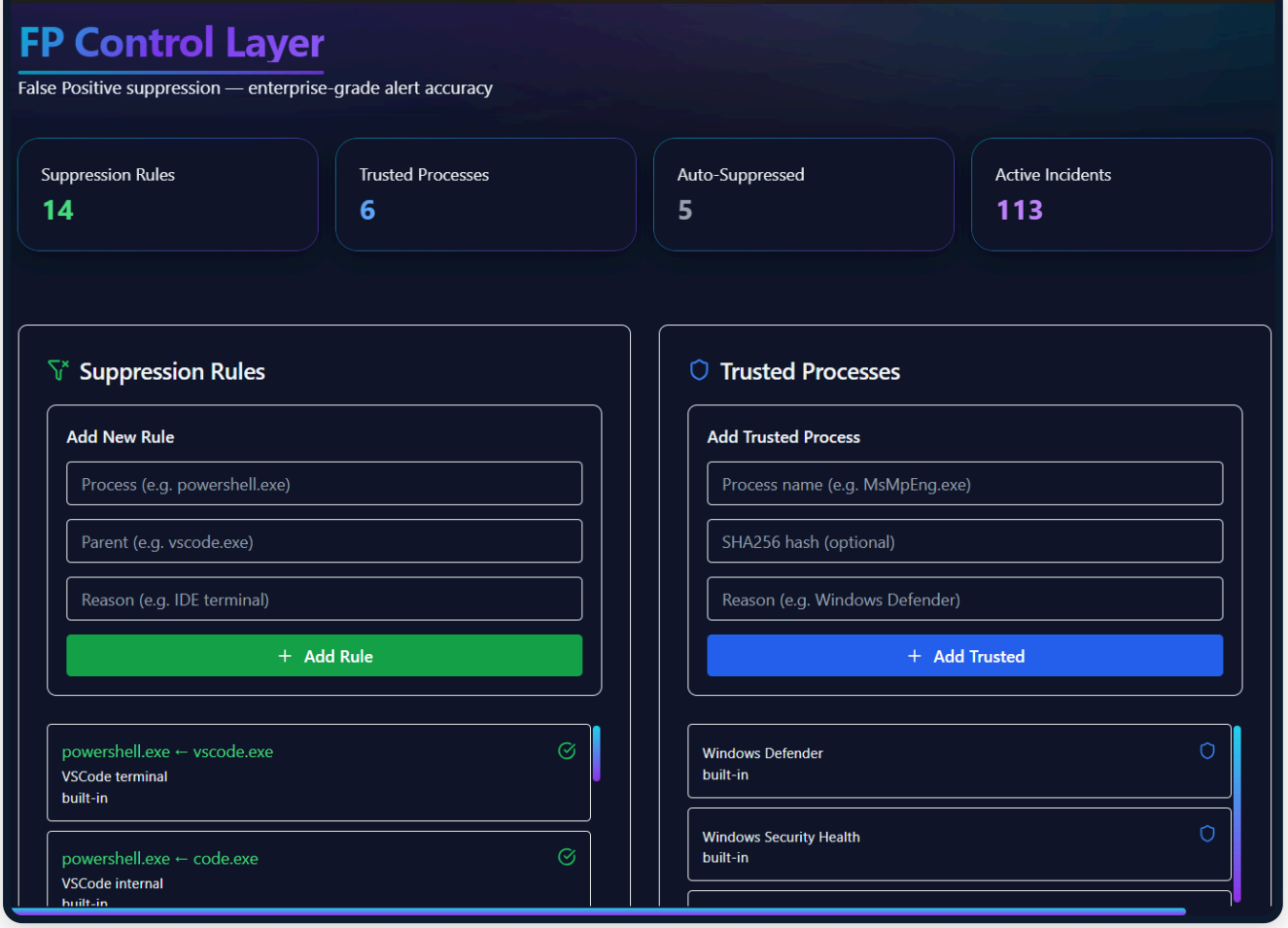


25. FP Control

The system distinguishes legitimate system processes from disguised threats using Suppression Rules and Trusted Processes. Suppression Rules let you define process + parent process + reason combinations for which the alert is suppressed automatically. Trusted Processes adds processes by name and SHA256 hash. Current state: 14 rules, 6 trusted processes, 5 automatically suppressed.

THIS GIVES YOU

Reduce false positives and direct the team toward more likely real threats.



26. Security Analytics

A consolidated picture of everything your devices actually reported - not forecasts, but data from real incidents. See incidents, critical incidents, unopened incidents and triggered endpoints for the selected period (7 days / month). Security Posture Score summarizes health in one number. If a single technique dominates the statistics, the system explicitly points it out and links to FP Control. The Incidents Over Time chart shows the trend by day.

THIS GIVES YOU

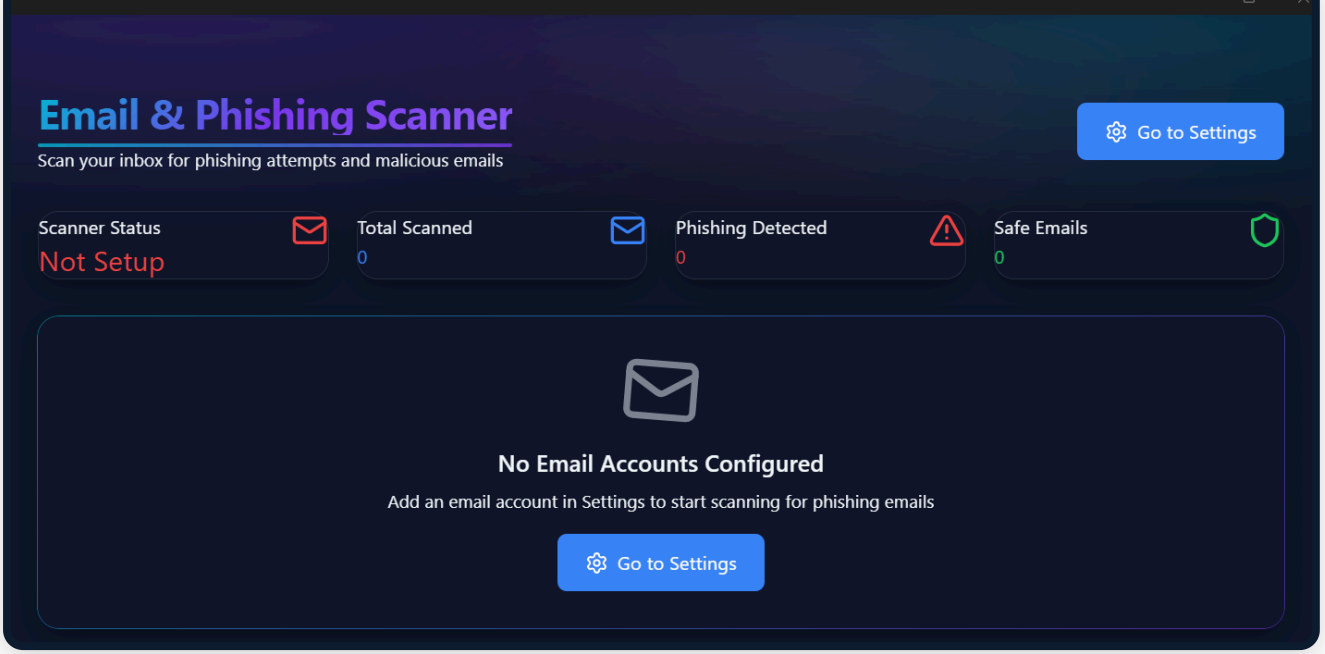
Rely on real data from your environment - and get a warning when a noisy detection may distort the picture.

27. Email & Phishing Scanner

Phishing is attack vector No. 1. The scanner connects to your mailbox through an App Password and analyzes every email in multiple layers - checking URLs, domains and attachments against more than 1,000,000 malicious indicators. Settings are available in the separate Settings section. You can see Scanner Status, the number of scanned emails, detected phishing attempts and safe emails.

THIS GIVES YOU

A suspicious email can be flagged before the employee clicks.

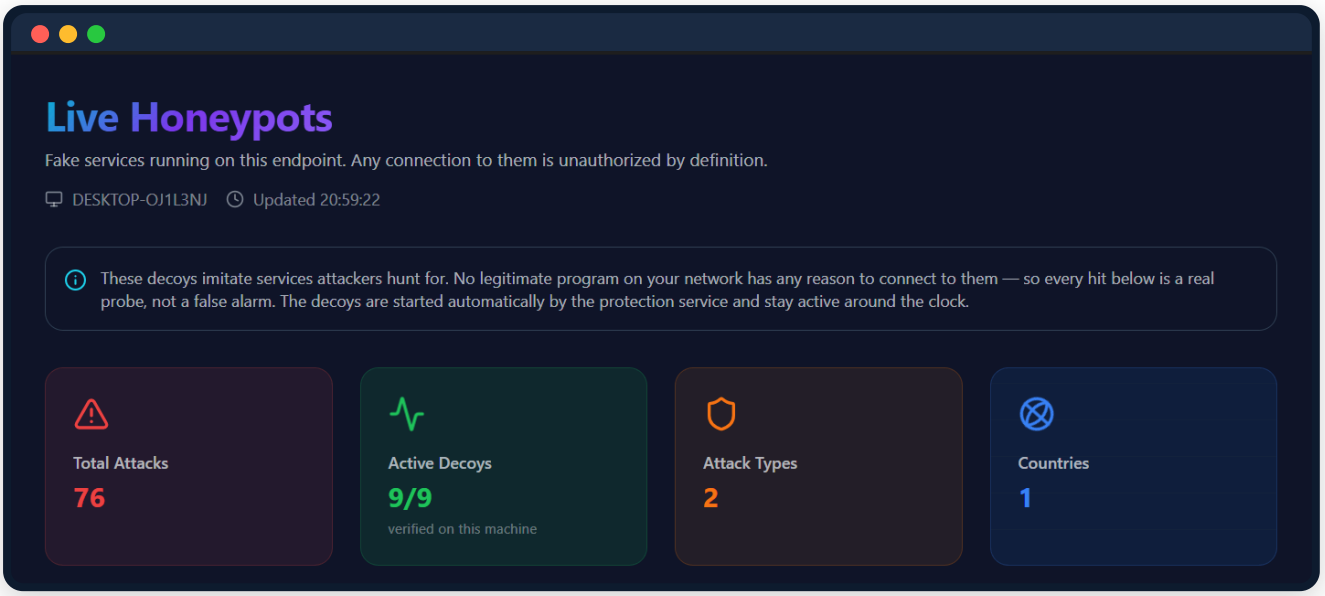


28. Live Honeypots

Decoys are fake services running on the endpoint that look real to an attacker. Any connection to them is treated as highly suspicious, because legitimate applications normally have no reason to use them. Current view: 76 total attacks, 9/9 active decoys verified on this machine, 2 attack types from 1 source. Decoys are started automatically by the protection service and run continuously.

THIS GIVES YOU

Turn the game around - the attacker thinks they are attacking you, but actually shows you how and from where.

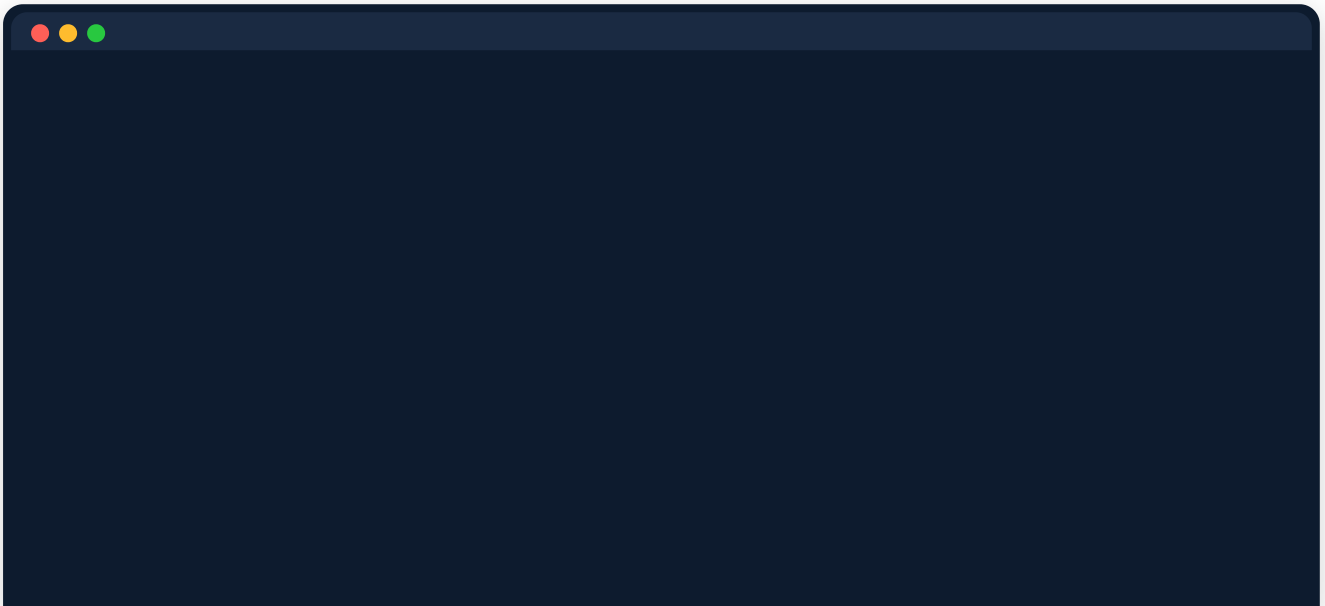


29. Performance Monitor

Real-time machine health and optimization recommendations. Health Score from 0 to 100 shows overall health. See CPU Usage, Memory Usage, Disk Usage and Top Process in real time. The system identifies bottlenecks and suggests specific improvements. Export Report generates a PDF with the full health analysis.

THIS GIVES YOU

Protection that monitors itself not to get in the way - clearly see that the computer is performing well.



30. Process Protection & Monitoring

This page protects running programs against tampering. It monitors Service Status (Running), Total Processes (247) and Suspicious Processes (0) in real time. Advanced Monitoring is active in Production mode with Auto-Monitoring and provides manual Trigger Scan and Dismiss Alerts options. Anti-Termination makes it harder for malware to disable protection, while Self-Healing restores it automatically after a crash.

THIS GIVES YOU

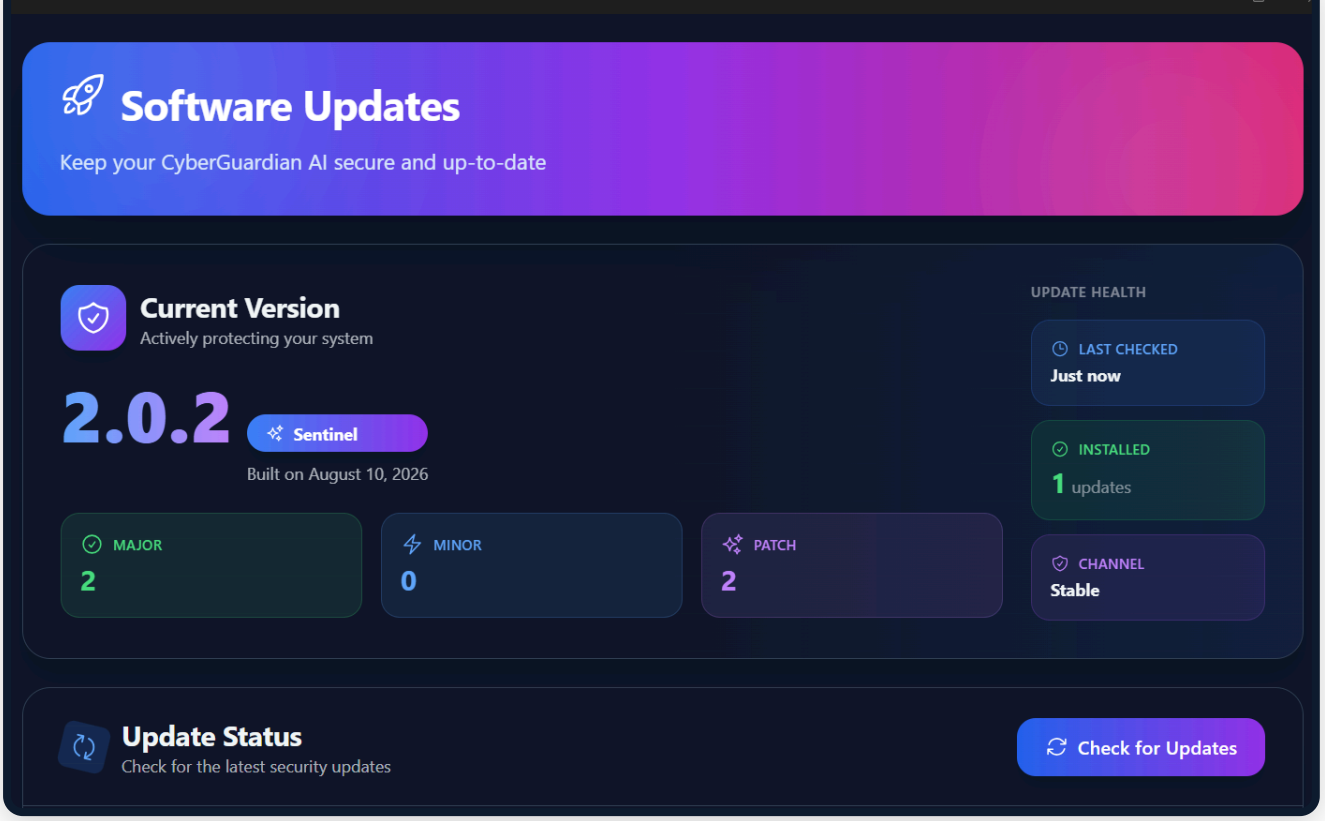
Protection designed to make silent disablement harder - one of an attacker's first objectives.

31. Software Updates

See the exact agent version (current: 2.0.2 Sentinel, Built August 10, 2026) and the full update history: 2 Major, 0 Minor and 2 Patch versions. Update Health shows when the last check occurred, how many updates are installed and which channel is used (Stable). Automatic updating is managed from here.

THIS GIVES YOU

Your protection stays up to date - and you can prove it with a complete audit-ready history.

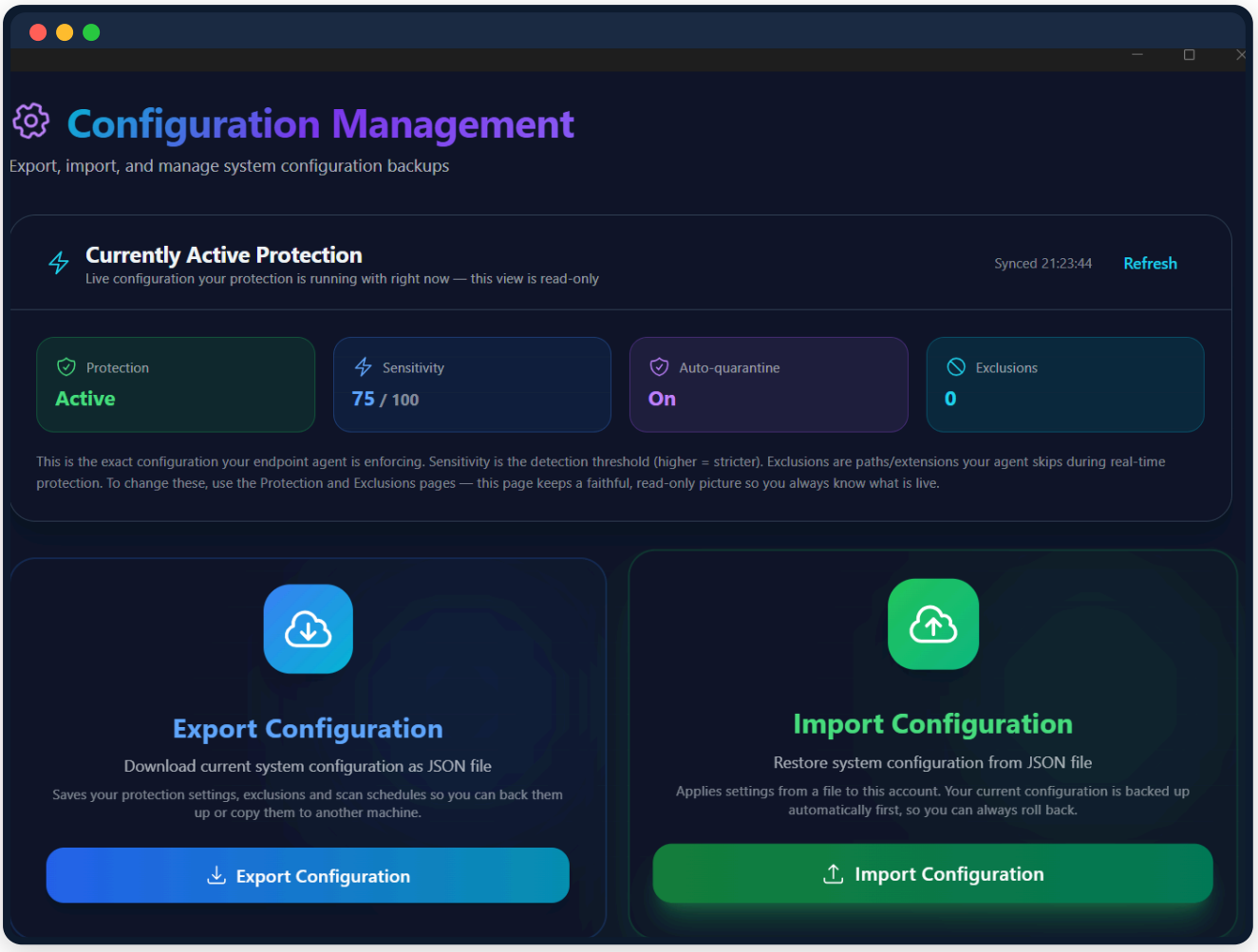


32. Configuration Management

This page shows the exact configuration currently applied by the agent - in real time and in view-only mode. You can see Protection (Active), Sensitivity (75/100), Auto-quarantine (On) and Exclusions (0). Export Configuration downloads the current settings as a JSON file, useful for backup or copying to another machine. Import Configuration loads settings from a file with automatic backup before the change.

THIS GIVES YOU

Know exactly which configuration is running on each machine - and transfer or restore it in seconds.

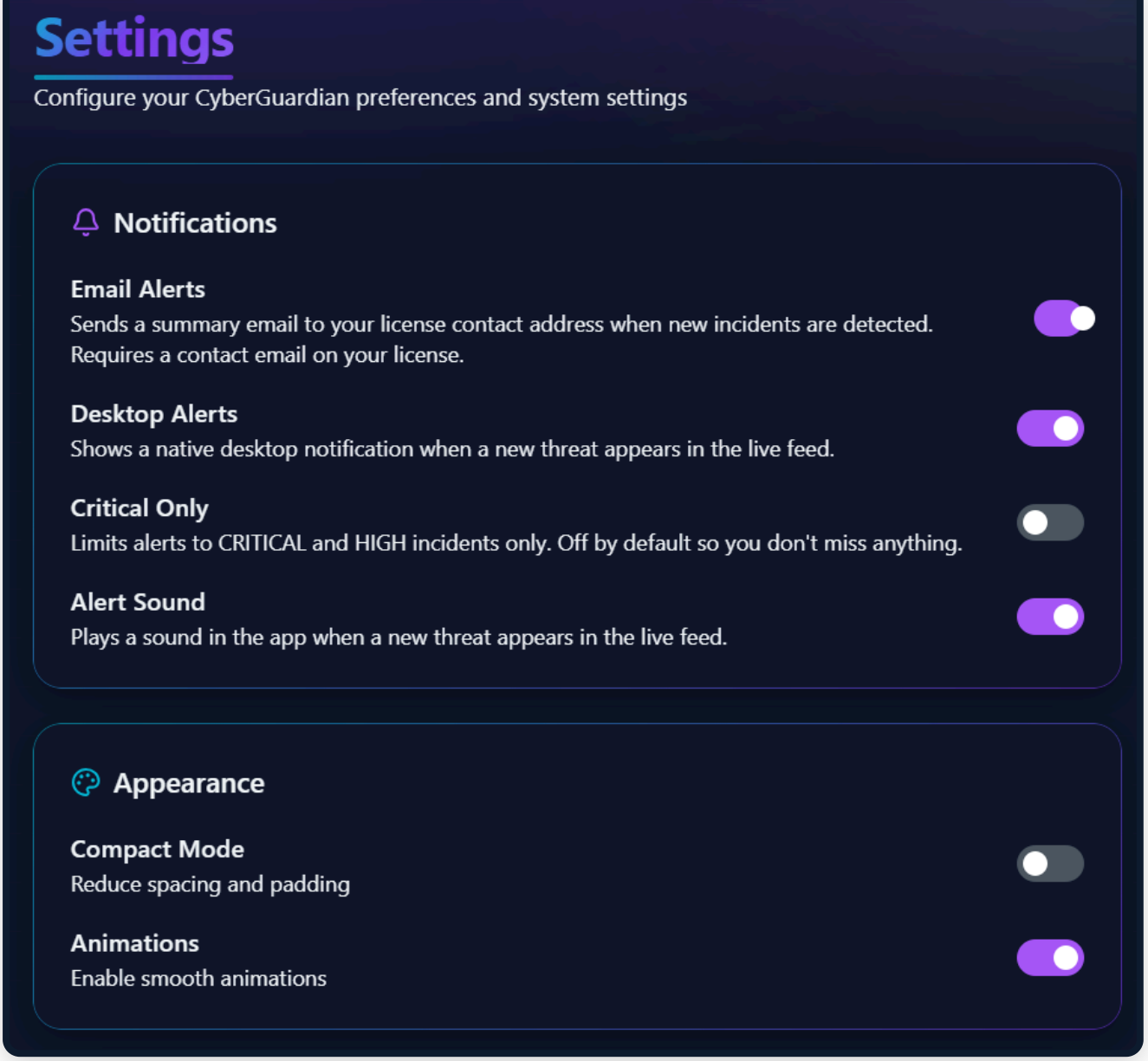


33. Settings

Manage notifications (Email Alerts, Desktop Alerts, Critical Only, Alert Sound) and visual preferences (Compact Mode, Animations). Email Alerts send a summary of new incidents to the licensed email address. Desktop Alerts show a native Windows notification when a new threat appears in Live Feed.

THIS GIVES YOU

Configure the system to notify you in the way you work - without noise, but also without missed alerts.

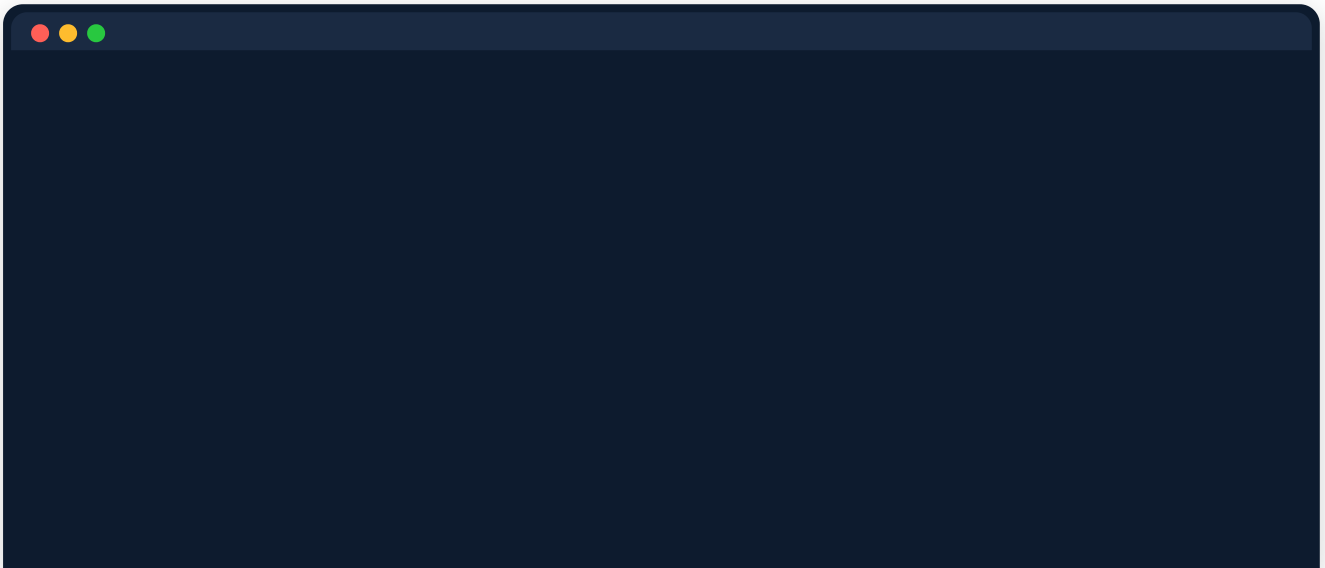


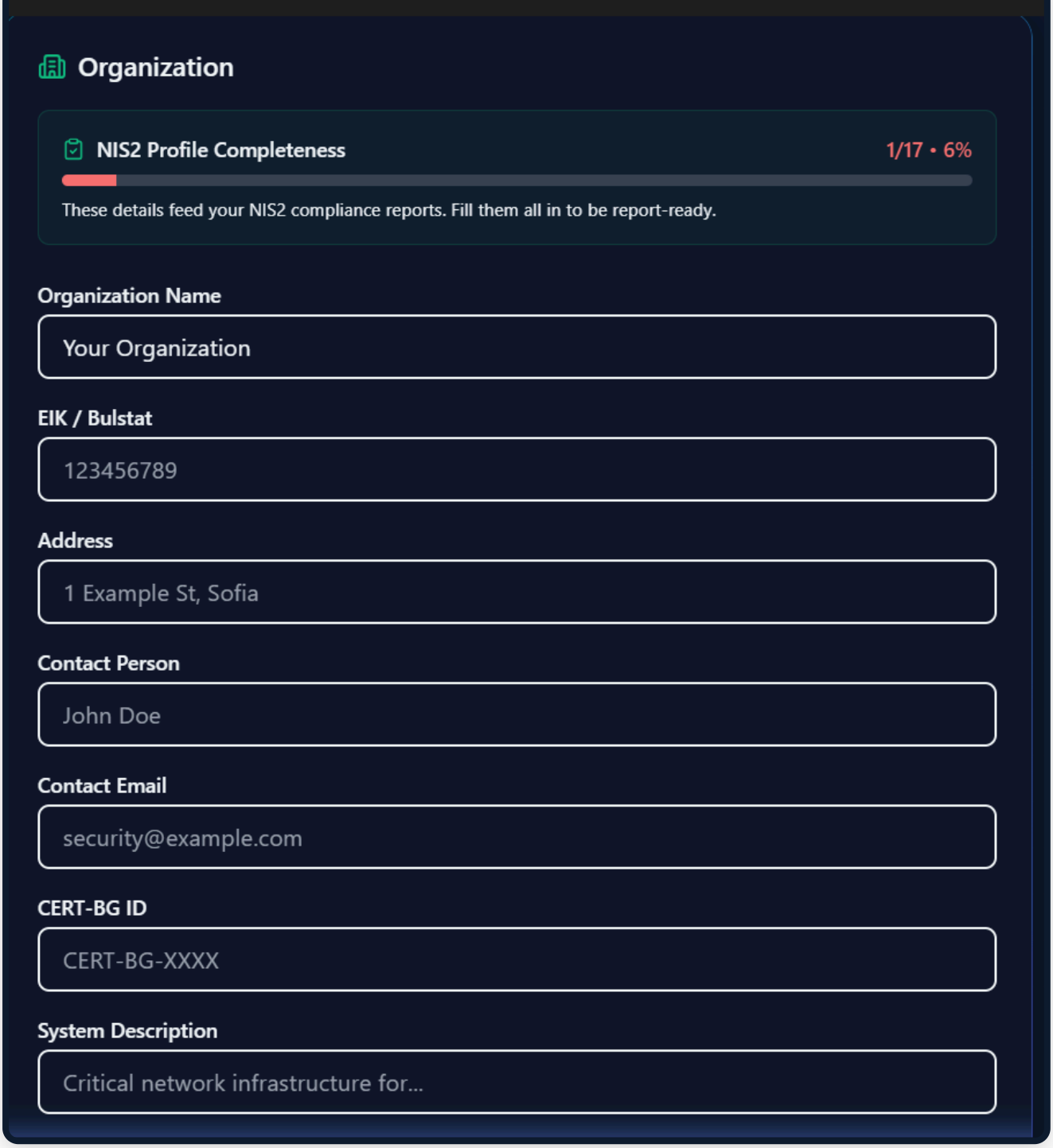
34. Settings — Organization Profile

The organization profile stores the data needed for NIS2 reports: Organization Name, EIK/Bulstat, Address, Contact Person, Contact Email, CERT-BG ID and System Description. NIS2 Profile Completeness shows what percentage is filled in. These data automatically populate all NIS2 reports.

THIS GIVES YOU

Enter your organization details once - and they automatically feed all NIS2 reports from then on.

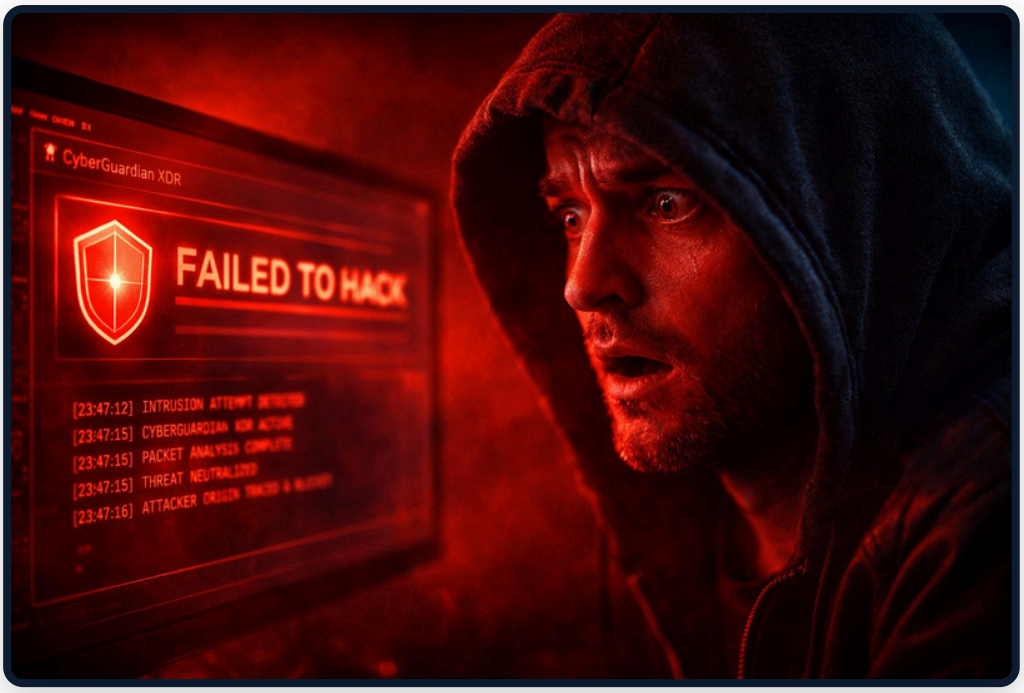




35. What you get with CyberGuardian XDR

What you get	What it means for you
Dashboard - Security Operations Center	All protection on one screen - incidents, critical issues, unopened items and Security Posture Score
Managed Devices (Fleet)	All machines in one place - status, health, threats and agent version
Crash Telemetry	A problem on any machine becomes visible immediately, centrally, with ready diagnostics
Executive Dashboard	Management sees risk, trends and NIS2 status in plain language
NIS2 Compliance - 15 modules	NIS2 evidence and reports for review before submission
Threat Intelligence + IOC (1M+)	Newly disclosed indicators are added through automatic updates
Exploited Vulnerabilities (KEV)	See whether your software is under real attack right now - not an abstract list
Detection v2 + Runtime Blocking	The threat is stopped at execution time - not after damage is done
Process Tree	Attacker camouflage behind legitimate processes - visible at a glance
Real-Time Protection	The computer protects itself 24/7 - even when nobody is watching the screen
Tamper Protection (100/100)	Four protection layers make silent disablement harder
File Integrity Monitoring	Silent replacement of system files becomes visible immediately on every machine
Malware Remediation	Removes files and persistence mechanisms
AI Insights + ML Models	Explained risk, trends and a ready action plan
Live Honeypots (9 active)	Suspicious activity against decoys is visible separately
Email & Phishing Scanner	Protection against attack vector No. 1 - directly in email, before the click
FP Control + Security Analytics	Reduces false positives and points you toward more likely threats.

One lightweight agent	Installs in minutes on any Windows 10/11 machine



"FAILED TO HACK" - CyberGuardian XDR detected and blocked the simulated attack.

36. Contact and licensing

cgs.xdr@gmail.com • cyberguardian.bg

Business / Professional: from EUR 89/year* | Enterprise: custom quote

Monday - Friday, 09:00 - 18:00 | Critical incidents: initial response within 2 hours

* Starting price and licensing scope are specified in the quote. NIS2 features support compliance and do not represent regulatory certification.