

Maturity Management

Continuously monitor and improve your security posture with long term cyber resilience.

Cye combines an AI-native exposure management platform with world-class human expertise to mitigate risk, reduce exploitability and improve the organization's cyber maturity and operational resilience. Cye quantifies the business impact of cyber exposure across the entire organization to prioritize and drive automated remediation across the enterprise with measurable outcomes and cyber maturity improvement.

Accelerate Your Cyber Maturity



**Cybersecurity
Maturity Uplift**



**Outcome-based
Mitigation Planning**



**Security Roadmap
Planning and Reporting**

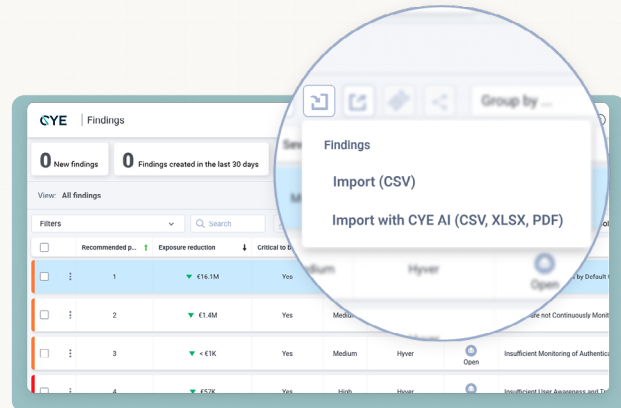
TRUSTED BY INDUSTRY LEADERS ACROSS THE GLOBE



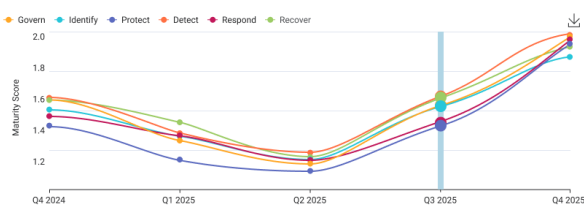
Determine Your Cyber Maturity Baseline

Turn Siloed Data into Correlated Actions

Cye AI transforms data and assessment results into clear priorities and next steps. Cye's analytics engine ingests any file, auto-maps data to the relevant NIST CSF fields, enriches findings, and suggests actions to improve organizational resilience.



Matrity (NIST CSF v2.0): quarterly, last 12 months



Maturity Assessment

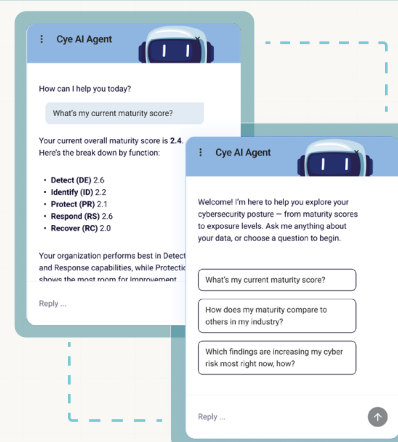
Get a clear cybersecurity baseline with AI-native scoring across all six NIST CSF 2.0 functions, delivered through a Cye-led, third-party, or agentic assessment.

All results are shown and continuously updated on the Cye platform.

Ask Cye AI for Immediate Insights

Get plain-language answers grounded in your data - with clear next steps you can share with leadership.

- Ask about your exposure, attack paths, maturity, and mitigation actions
- Get environment-specific insights, based on your organizational data



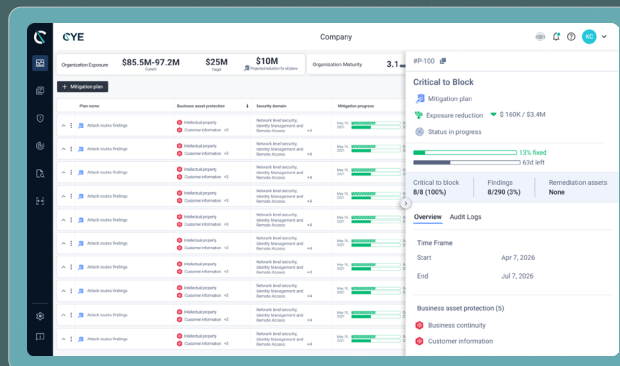
Decide What to Fix Based on Outcomes

Make an evidence-based call on every exposure — remediate, mitigate, or accept — focused on what would most disrupt the business.

Mitigation Planning

Set a maturity target and get a clear plan to reach it. Cye uncovers the real attack paths to your critical assets - so you focus on blocking what could impact your business, not just what looks critical.

- Catch "minor" issues attackers can chain into access or privilege escalation
- Flag low-severity vulnerabilities that become choke points on critical paths



Cye AI Agent

give me a mitigation plan to improve my maturity

Cybersecurity Mitigation Plan

Reasoning

Organization: US-based financial institution | 300,000 employees | 1M customers | \$7B annual revenue | PCI + PII in scope
Current Maturity: 3.17 / 5.0 (CMM)
Open Findings: 51 Critical • 65 High • 104 Medium • 98 Low (318 total)

Total Annualised Risk Exposure: ~\$234M

This is a large, mature financial services organisation with strong governance (supply chain, policy, incident response) but significant weaknesses in three areas: identity & access control (58 findings in PRAA-GS alone), platform/cloud security (90 findings in PR-PS-01), and detection coverage (monitoring gaps despite a deployed Splunk SIEM). Several deployed controls - Active Directory, 1Password, Splunk SIEM, Tenable, and the User Access Review process - are not fully closing the gaps they should, and those fixes are folded into the action list below.

Reply ...

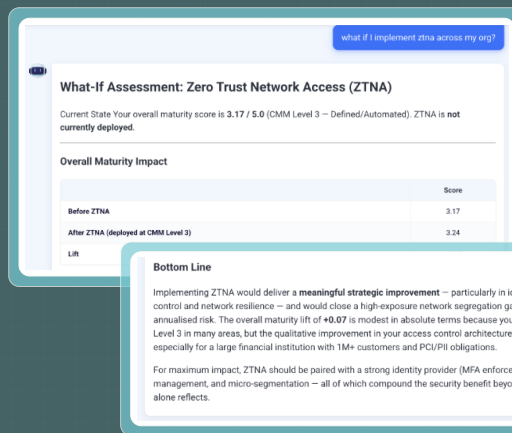
Plan Mitigation with Cye AI

Ask the Cye AI agent for a mitigation plan and get an immediate answer on how to meaningfully improve your maturity - including where you stand today, your top NIST gaps and how to close them, plus the maturity lift, cost, and risk reduction you can expect.

Run a 'What If' Analysis

Put an end to educated guesses. Before you commit budget, ask Cye AI to simulate a plan's likely impact, outcome, and ROI - using your own data, so the answer reflects your business, not a generic model.

Each simulation draws on your findings, controls, and exposure, your policies, processes, and tools, and the specifics of your environment.



Continuously Track Progress and Prove It

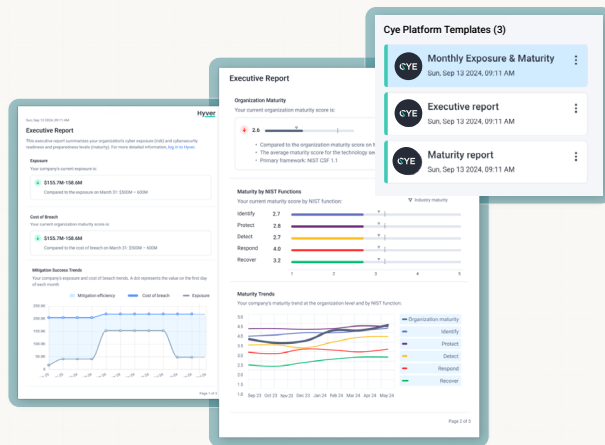
Continuously track maturity and risk over time, and turn it into exec-ready reporting in minutes – framed in business terms, so you can prove progress and steer budget to the highest-impact fixes.

Risk and Maturity Dashboards

Track, explain, and benchmark your maturity – so you can prove progress over time and act fast with the market dynamics.

In a single live view, you can:

- Monitor your maturity and cost of breach (CoB)
- See your NIST CSF–based maturity scoring across all functions
- Drill into spikes and drops to pinpoint root causes
- Benchmark against industry peers and NIST averages
- Identify where to invest across risk and maturity



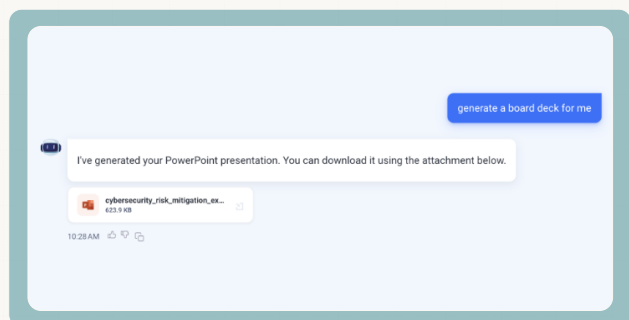
Automated Reporting

Turn live data into exec-ready reports in minutes — and keep stakeholders aligned.

- Generate executive metrics straight from live data
- Track progress with consistent KPIs across teams
- Tailor views by audience with templates, widgets, and filters
- Schedule reports to send automatically — on time, every time

Generate Instant Boardroom Decks

Ask Cyte AI for an exec-ready deck built on your data, environment, and mitigation plans. In minutes you'll get a fully editable PowerPoint with an executive summary, graphs, findings, analysis, projections, and key takeaways.



World-Class Expertise Behind Every Score

Cye's experts - drawing on thousands of assessments across advisory, emergency, and operational services - train and validate the AI-native scoring behind your assessment, then keep shaping how the platform prioritizes mitigations and points you to the highest-impact action. Cye's experts are also on hand for dedicated advisory time each year, to help you interpret findings and sharpen your plan.

Five Years of Measurable Maturity Gains

Year 1 — Assess and Act. Onboard and run your maturity assessment to set a clear starting point and targets — then begin closing priority gaps and improving from day one.

Years 2–5 — Continuous Optimization. Continuous engagement that tracks progress and drives measurable maturity improvement.

Outcomes Customers Have Achieved **with Cye**

>60%

Improvement in Maturity

50%

Exposure Reduction

30%

Reduction in Exploitability

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What we experience with Cye is a growing maturity and understanding of what is necessary to protect our operations, in both the IT and the OT environments of the company, from the top management down to the individual specialists and engineers doing the work.

Ulrich Fässler, CEO & Chairman  SHL MEDICAL

About Cye

Cye combines an AI-native exposure management platform with world-class cyber expertise to help organizations know the financial impact of their cyber exposure, prioritize risk mitigation and automate remediation. Cye's 500+ customers gain the clarity to make smart defensible decisions that reduce their risk exploitability with speed, and improve their resilience to the hyper dynamic threat landscape.

Visit us at cyesec.com.