

CYBERSECURITY KPIS

Threats Blocked



325



2,4%

Maturity Score



84

Vulnerabilities



47

Response Time



15 min

30 Cybersecurity Metrics Every Board Should Track in 2025

Cybersecurity KPIs are not just numbers, they're a narrative of your organization's resilience, efficiency, and readiness.

1. Risk Visibility & Threat Exposure

These metrics help boards assess how exposed the organization is to potential attacks and how well risks are being identified.

S.NO	Metric	Why It Matters
01	Mean Time to Detect (MTTD)	Shows how quickly threats are detected after breach.
02	Attack Surface Coverage Ratio	Indicates how much of the external footprint is monitored and secured.
03	Shadow IT Instances Detected	Identifies unauthorized assets or apps increasing blind spots.
04	Number of Externally Exposed Services	Measures potential entry points for attackers.
05	Top 10 CVEs in the Environment	Highlights which known threats remain active and unpatched.
06	% of High-Risk Assets Without Coverage	Reveals protection gaps in critical systems.

2. Operational Effectiveness & Maturity

Track how well your security team is performing, and whether your tools, processes, and staff are effective.

S.NO	Metric	Why It Matters
07	Mean Time to Respond (MTTR)	Reflects how quickly threats are neutralized post-detection.
08	Patch Latency	Measures the time between patch release and deployment.
09	Vulnerability Remediation Rate	Tracks the % of vulnerabilities closed over time.
10	Security Control Effectiveness Score	Based on red/purple team tests or breach simulations.
11	Alert Fatigue Ratio	Measures how many alerts are false positives or ignored.
12	Incident Volume by Category	Offers insight into common threat types being faced.
13	Security Team Utilization vs. Headcount	Assesses productivity relative to team size and budget.
14	Tool Overlap Index	Identifies inefficiencies and redundancies in the tech stack.



3. Governance, Risk, and Compliance (GRC)

These KPIs help evaluate regulatory posture, policy adherence, and readiness for audits or frameworks like ISO, SOC 2, or HIPAA.

S.NO	Metric	Why It Matters
15	Compliance Posture by Framework	Measures control readiness across regulatory standards.
16	Open vs. Closed Compliance Gaps	Tracks the remediation of audit findings.
17	Third-Party Risk Exposure Index	Evaluates the risk levels of external vendors or partners.
18	Phishing Simulation Click-Through Rate	Tests human-layer awareness and training effectiveness.
19	% of Employees Completing Security Training	Tracks compliance with mandatory awareness programs.
20	Policy Violation Incidents	Measures how often internal security policies are broken.

4. Financial & Business Impact

These metrics connect cybersecurity to financial outcomes, critical for demonstrating ROI and prioritizing resources.

S.NO	Metric	Why It Matters
21	Cost per Security Incident	Quantifies the financial impact of individual breaches.
22	ROI on Security Investments (ROSI)	Compares benefits gained vs. spend on security tools/processes.

23	Estimated Risk Exposure (\$)	Quantifies the potential financial risk of open threats.
24	Cyber Insurance Utilization Rate	Tracks incidents where insurance was activated.
25	Security Budget Allocation by Category	Shows how the budget is divided across detection, response, training, etc.

5. Executive & Strategic Metrics

These metrics tell the board what's working, what's improving, and what decisions are on the horizon.

S.NO	Metric	Why It Matters
26	Risk Acceptance vs. Risk Mitigation Ratio	Indicates how often risk is accepted vs. mitigated signals strategic posture.
27	Security Program Maturity Score	Tracks growth using NIST CSF, CMMI, or other maturity models.
28	Board Engagement Frequency	How often cybersecurity is on the board's agenda.
29	% of KPIs Meeting Target Thresholds	Summarizes how many key metrics are "green" across the board.
30	Critical Incidents Escalated to Board	Shows how often top-level involvement is needed due to severity.



United States (HQ)
5700 Tennyson Pkwy,
372, Plano, TX, 75024

+1 (214) 924-7929



India Office
6th Floor, LVS Arcade, Jubilee
Enclave, Hyderabad-500081

(+91) 855 594 1404



security@strokes.co



www.strokes.co