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Horizon3.ai Presents Next-Generation Cybersecurity Dashboard

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"NodeZero Insights" offers continuous cybersecurity risk monitoring, empowering security teams and providing decision-makers with actionable insights to assess and strengthen their organisation's security readiness.

London, December 10 2024 – Horizon3.ai introduces "NodeZero Insights", its new cybersecurity dashboard designed to provide a comprehensive view of an organisation's current protection level against cyberattacks. Through real-time dashboards, the system equips IT teams with critical insights to maintain security continuously and address vulnerabilities immediately when they arise. For leadership teams, the continuous monitoring serves as both operational assurance and legal proof of the organisation's security posture. Highlighting the growing risk of significant financial loss from devastating cyberattacks, Horizon3.ai underscores the critical role of "NodeZero Insights" in ensuring business continuity while providing vital support to security teams and C-level executives.

"NodeZero Insights provides the clarity and evidence decision-makers need to demonstrate tangible progress in cybersecurity, align priorities, and make informed decisions in an increasingly complex threat landscape," explains Keith Poyser, Vice President for EMEA at Horizon3.ai.

He continues: "While pentesting is essential to cybersecurity, it only provides a snapshot at a given moment, which quickly becomes outdated as environments evolve." As Stephen Gates, Principal Security SME at Horizon3.ai, explains, 82% of Horizon3.ai customers have moved from annual to monthly pentests, and 40% now conduct tests at least once a week to stay ahead of potential threats. The security expert further elaborates: "NodeZero Insights enables these customers to visualise changes in their security posture from pentest to pentest and provides much-needed intelligence to accelerate improvements." The system generates a range of key metrics and data visualisations that enable security professionals to understand the scope and impact of cybersecurity investments.

By leveraging continuous, real-time insights from NodeZero's autonomous penetration tests, organisations gain:

Improved visibility over time: Track how exploitable attack surfaces evolve, from vulnerabilities identified to issues resolved.

Accelerated Remediation Timelines: Monitor how quickly issues are fixed to enable faster responses to emerging threats.

Security Control Effectiveness: Validate which defences work effectively and pinpoint where gaps remain, ensuring investments deliver measurable results.

Comprehensive Reporting for Stakeholders: Provide dynamic metrics tailored for board members, compliance auditors, regulators, cyber insurers and third-party partners.

Understanding Exploitation Risks from Multiple Perspectives

Today's pentests typically only tell part of the story, often focusing on a single entry point. With NodeZero Insights, organisations can analyse the results of pentests conducted by NodeZero from multiple angles—like asking, *If someone gets in through the kitchen, the garage, or the basement, can they still reach the safe?* This approach helps security teams zero in on the issues that matter most, fix them faster, and prove they're making real progress over time.

"Security leaders need proof, not assumptions," said Snehal Antani, CEO of Horizon3.ai. "With NodeZero Insights, we move beyond static vulnerability lists to an offensive, real-world security narrative. This is about showing progress, not just talking about it. Leaders can now answer critical questions: How has our exploitable attack surface improved? How quickly are we fixing issues? How effective are our controls? These answers are essential for board reporting, regulatory compliance, cyber insurance, and third-party risk management."

Designed for Executive Visibility and Decision-Making

NodeZero Insights addresses a critical gap for business leaders: the absence of continuous, reliable security metrics. Traditional pentests, conducted only a few times a year, fail to provide an ongoing, accurate picture of security readiness. NodeZero Insights ensures leaders have up-to-date data at their fingertips, seamlessly integrating into monthly or quarterly board updates to meet the executive demand for consistent and actionable security metrics.

For security practitioners, NodeZero Insights offers a comprehensive tool to monitor key performance indicators such as remediation timelines and prioritized vulnerability severity. Continuously updated views enable faster, more informed decisions, allowing teams to act on targeted recommendations that drive meaningful progress while saving time and resources often wasted on less relevant data. Armed with these insights, practitioners can showcase progress to stakeholders, meet compliance requirements and foster a culture of ongoing improvement in cybersecurity.

To learn more about Horizon3.ai's battle-tested autonomous cybersecurity platform, visit horizon3.ai.

About Horizon3.ai and NodeZero: Horizon3.ai provides a cloud-based platform, NodeZero, enabling organisations and public authorities to simulate self-attacks on their IT infrastructure to assess their cyber resilience through penetration testing (pentesting). Thanks to its cloud model, the platform offers affordable, regular pentesting, making it accessible to mid-sized companies. Horizon3.ai continuously monitors the cybercrime landscape to ensure that newly discovered vulnerabilities are swiftly integrated into the cloud system. NodeZero not only identifies security flaws but also offers tailored recommendations for remediation. Through this platform, Horizon3.ai helps organisations meet rising regulatory demands for cyber resilience in Governance, Risk & Compliance (GRC), with guidelines recommending an internal self-attack at least once a week.

Trademark notice: NodeZero is a trademark of Horizon3.ai

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