Autonomous Penetration Testing

Know Your Business Risk in Today's Cybersecurity Landscape

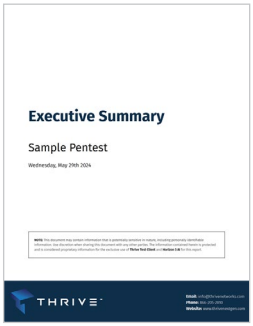
Autonomous penetration testing uses an automated tool to perform penetration testing on a network or environment with internal and external testing capabilities. This involves exploiting vulnerabilities in the target environment by simulating attacks that a malicious actor might carry out in a real-life breach.

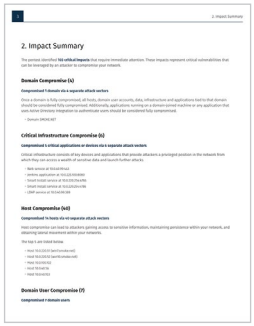
Autonomous penetration testing tools work by scanning the target system for weaknesses, analyzing the scan results, and then attempting to exploit any vulnerabilities found. Testing can also identify and exploit weak passwords and misconfigured identity management settings and locate sensitive data such as credit cards or social security numbers stored within the environment.

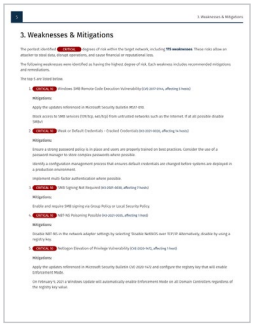
Thrive provides one-time and recurring Autonomous Penetration Testing to identify areas of risk. Outputs include a Penetration Test Results report and Fix Actions report outlining the steps required to eliminate identified risks. Recurring autonomous penetration testing establishes a predictable path for remediation steps and allows for easy comparison of progress over time. A Thrive Consultant will review the test outputs with you to provide feedback and strategic recommendations.

Benefits:

- Identify vulnerabilities and secure IT infrastructure
- Help businesses manage cybersecurity priorities
- Determine the robustness of controls
- Support compliance with data privacy and security regulations (e.g., PCI DSS, HIPAA, GDPR)
- Provide qualitative and quantitative examples of current security posture and budget priorities for management
- Subject matter experts help mitigate future risk







Organizations saved an average of

$2.22M

by using security AI and automation extensively in prevention vs. those that didn't, according to IBM's Cost of a Data Breach Report 2024[1]

1 https://www.ibm.com/reports/data-breach

TAKE THE NEXT STEP

To learn more about how Thrive can help your business, please visit **thrivenextgen.com**