aws marketplace

Pentera

Reviews, tips, and advice from real users






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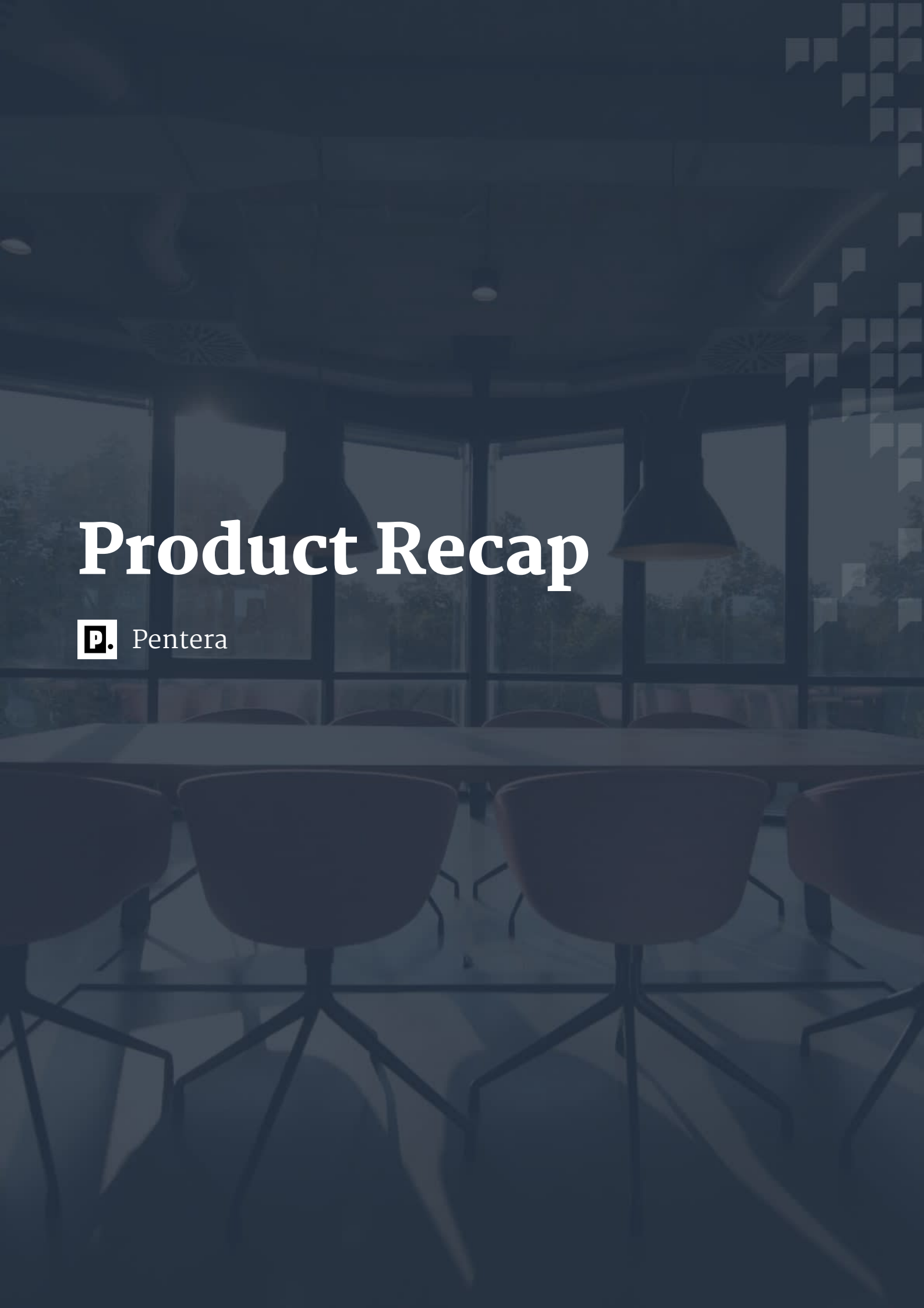
Contents



Product Recap

Pentera

Pentera Recap

Pentera offers organizations automated vulnerability assessment and penetration testing capabilities, continuously scanning networks and managing credentials for enhanced security.

Pentera delivers automated vulnerability and penetration testing tools, providing continuous security scanning and comprehensive attack surface analysis. Its AI-based reporting identifies vulnerabilities with detailed executive reports to guide vulnerability management and remediation. Organizations gain from proactive cybersecurity strategies with features such as External Attack Surface Management and Internal Network Validation. Real-time updates ensure constant protection.

What are Pentera's Key Features?

- Automated Vulnerability Assessment: Identifies system weaknesses and potential risks.
- Continuous Scanning: Ensures ongoing network protection against threats.
- Credential Management: Strengthens password security and management.
- AI-Based Reporting: Offers detailed technical and executive insights.
- External Attack Surface Management: Identifies and mitigates threats from external vectors.
- Internal Network Validation: Validates internal defense mechanisms against vulnerabilities.

What Benefits Should Users Look For in Reviews?

- Enhanced Network Protection: Proactive approach to maintaining security integrity.
- Detailed Risk Identification: Comprehensive identification of vulnerabilities.
- Compliance Assurance: Streamlines regulatory compliance with continuous testing.
- Real-time Security Updates: Consistent network scanning against emerging threats.

Pentera is widely used in sectors like banking, telecommunications, and government, performing security validation and compliance tests. Its real-world attack emulation and risk-based prioritization ensure secure networks without operational disruption. The solution aligns with the Mitre ATT&CK framework, supporting agentless deployment.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "Pentera has significantly affected our organization by dropping our mean time to remediate critical vulnerabilities because the remediation team can clearly evidence the exploit instead of debating CVSS scores, and our security posture has improved."

Verified user

Ai Expert at a educational organization with 1,001-5,000 employees

- "Surface provides automated validation and penetration testing features with a proactive, continuous, and highly realistic approach to cybersecurity validation, helping organizations understand and reduce their true cyber exposure."

Sabbir Ahmed

Director at Infosonik Systems Ltd

- "We moved from a reactive security posture to a proactive one."

Verified user

Works at a comms service provider with 1-10 employees

"The best features of Pentera are the dashboard and security, with the dashboard being excellent as I can see everything, and it is really simple and easy to work with, which has made my team faster, more efficient, and improved teamwork significantly."

Vishnu Jadhav

Network engineer at Inniti network solution LLP

"Pentera has impacted my team and my workflow by making things faster and more efficient."

Vishnu Jadhav

Network engineer at Inniti network solution LLP

"The tool showed us that our ransomware protection wasn't working on some machines."

Richard Marlow

Vulnerability Testing Manager at Frasers Group

"The most valuable feature of Pentera is that you can do continuous vulnerability assessment, which is automated."

Derek Maraw

Cyber Security Officer at AFC Holdings

What users had to say about valuable features:

"Attack path visualization gives me the ability to communicate with leadership and the board. I can show them a complete kill chain and how an attacker gets from the initial foothold to domain admin in our environment, step by step, with evidence.."

Verified user
Works at a comms service provider with 1-10 employees

Read full review

"The password strength assessments feature was valuable. The testing features are fantastic. The tool showed us that our ransomware protection wasn't working on some machines. The product provides a lot of value.."

Richard Marlow
Vulnerability Testing Manager at Frasers Group

Read full review

The best features of Pentera for our team include automation attack path discovery that chains multiple vulnerabilities into realistic exploitation scenarios and evidence-based remediation, which are features our team heavily relies on.

Pentera has significantly affected our organization by dropping our mean time to remediate critical vulnerabilities because the remediation team can clearly evidence the exploit instead of debating CVSS scores, and our security posture has improved. We have saved approximately 45% of the hours we used to spend on manual penetration testing. .”

Verified user

Ai Expert at a educational organization with 1,001-5,000 employees

Read full review

"Comprehensive Attack Surface includes several features. Omni Attack Surface discovers, assesses, and exploits vulnerabilities across both internal networks and external assets, including cloud environments from a single platform. External Attack Surface Management (EASM) and Internal Network Validation test internal security controls and identify weaknesses within the internal network.

"Automated Penetration Testing features are provided through the Pentera Surface module. Surface provides automated validation and penetration testing features with a proactive, continuous, and highly realistic approach to cybersecurity validation, helping organizations understand and reduce their true cyber exposure. They have AI-based reporting that leverages AI to identify patterns of exploitability over time, aggregate results across sites, and highlight recurring weaknesses.

"They offer two types of reports: an elaborate technical report for CTOs and an Executive Summary for management. When customers see the reports after completing the POC, they are impressed by how detailed the technical report is, while management can understand what actions need to be taken to protect their network and infrastructure.

"Recent Gartner reports indicate that traditional VAPT companies perform vulnerability testing at specific times, which creates security gaps. Pentera provides continuous validation, running 24/7 in the infrastructure. This means when any vulnerability appears due to firmware upgrades, OS updates, or software changes, it can be automatically identified in real-time.."

Sabbir Ahmed
Director at Infosonik Systems Ltd

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Other Solutions Considered

While evaluating options, we checked multiple vendors and found that Pentera was top-notch. The rating and overall quality were good, which is why we chose it.

Verified user
Ai Expert at a educational organization with 1,001-5,000 employees

Read full review

"Before I started using Pentera, I had just joined recently, and when I joined, my organization was already using Pentera; I did not use anything else prior.."

Vishnu Jadhav
Network engineer at Inniti network solution LLP

Read full review

"We used annual manual penetration testing by external firms supplemented with internal red team work. Pentera has replaced the routine annual network penetration testing.."

Verified user
Works at a comms service provider with 1-10 employees

Read full review

"When my team originally evaluated options, I do not know if they considered any other tools besides Pentera, but I feel they used OpenVAS and I read something about OpenVAS and Nessus.."

Vishnu Jadhav
Network engineer at Inniti network solution LLP

Read full review

"Before Pentera, I have previously worked with Qualys and ManageEngine. We have used some applications of an open-source tool called Security Onion. Internally, we compare reports between Pentera and Security Onion.."

Derek Maraw
Cyber Security Officer at AFC Holdings

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ROI

Real user quotes about their ROI:

"Some customers consider the ROI favorable, but facing difficulties now due to changes in the licensing model, which has made it more expensive compared to last year.."

Sabbir Ahmed
Director at Infosonik Systems Ltd

Read full review

Pentera has significantly affected our organization by dropping our mean time to remediate critical vulnerabilities because the remediation team can clearly evidence the exploit instead of debating CVSS scores, and our security posture has improved. We have saved approximately 45% of the hours we used to spend on manual penetration testing.

Verified user
Ai Expert at a educational organization with 1,001-5,000 employees

Read full review

"I would say it saves me about a five out of ten or something, and I might give it a seven because I have never tried something new, so I am giving it a seven; perhaps if I try something new, I may change my assessment.."

Vishnu Jadhav
Network engineer at Inniti network solution LLP

Read full review

Use Case

"My main use case for Pentera is automated penetration testing and security validation to identify vulnerabilities and improve the security posture of applications and networks.."

Vishnu Jadhav
Network engineer at Inniti network solution LLP

Read full review

Pentera is used for continuous automation penetration testing across our internal network, external network, and also with our clients.

Pentera is utilized as part of a wider team workflow, with team members using it for penetration testing, discovering anomalies, weaknesses in environments, and identifying issues through Active Directory. ."

Verified user
Ai Expert at a educational organization with 1,001-5,000 employees

Read full review

"Continuous automated security validation across our internal network and external attack surface was necessary. The problem we were solving was that our manual penetration testing program, as good as it was, only gave us a snapshot. We would conduct a test, get a report, remediate, and by the time the next test came around, the environment had changed significantly. Pentera runs continuously, so I know our security posture isn't just validated once a year.."

Verified user

Works at a comms service provider with 1-10 employees

Read full review

"My main use case for Pentera is for automated penetration testing and security validation to identify vulnerabilities and improve the security posture of applications and networks.

"When I open Pentera, the first thing I do is review the dashboard and launch a security assessment to identify vulnerabilities and security gaps.

"This is a team workflow. I handle the dashboard and launch the security assessment with basic tasks, while our team does more advanced work.."

Vishnu Jadhav

Network engineer at Inniti network solution LLP

Read full review

"Common use cases include several features. The POC is completed before any customer goes for procurement. Once the POC is done, customers appreciate features such as comprehensive attack surface coverage, real-world attack emulation, and risk-based prioritization and remediation. The comprehensive attack surface coverage includes Omni Attack Surface, External Attack Surface Management (EASM), and Internal Network Validation.

"The real-world attack emulation includes safe-by-design exploitation that emulates actual attack techniques and procedures without disrupting business operations. It can perform post-exploitation steps to create a full attack chain. Another feature is agentless deployment, which requires no agents or pre-installations on the customer environment, allowing for quick deployment and validation.

"The Mitre ATT&CK alignment aligns attack scenarios with the Mitre ATT&CK framework, providing a standardized understanding of adversary tactics.

"The solution is primarily used in BFSI (banking and financial sectors), telecommunications companies, and several large government organizations.."

Sabbir Ahmed
Director at Infosonik Systems Ltd

Read full review

Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

When we first implemented Pentera, it took approximately six to eight weeks for a proof of concept to get everything up and running in our environment. Our team needed to research, learn from PDFs, talk to some people, and take training before deploying it.

Verified user

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Ai Expert at a educational organization with 1,001-5,000 employees

"When my organization first implemented Pentera, it was a very easy process that took around two to three hours. I am not entirely certain how the implementation works, but my team handled more of the setup process while I observed them.."

Vishnu Jadhav

Read full review

Network engineer at Inniti network solution LLP

"I did the initial build. The deployment was easy. We need a limited amount of experience to deploy the product because it runs a custom installation of Linux. The instructions were very good. If we have a little bit of experience, we will find the process simple.."

Richard Marlow

Vulnerability Testing Manager at Frasers Group

Read full review

"The solution is usually deployed on-premises. The setup is easy and takes a few days, including network integration and obtaining necessary permissions.

I rate the process a ten out of ten. ."

Oladimeji Suberu

Executive Director at Systemtech Services Limited

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“All the integration is very easy, and useful. I don't have any complaints about the integration or the use of the tool. It takes maybe one day or a few hours to deploy it. It depends on the pan testing. It is a team that is involved in the process. For each product, usually two or three people. .”

Manuel Ripoll

Technical Support Engineer at a comms service provider with 51-200 employees

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Customer Service and Support

"The technical support is very good. When tickets are raised, they are taken seriously and resolved quickly. The reviewer rates the support as nine out of ten.."

Sabbir Ahmed
Director at Infosonik Systems Ltd

Read full review

"Pentera's technical support team is quite helpful, and they are quick to provide recommendations and point out what you need to do. Mostly, they are always on point.."

Derek Maraw
Cyber Security Officer at AFC Holdings

Read full review

Other Advice

“The advice I would give to someone considering Pentera who has a workflow similar to mine is that the experience is different for everyone. I would give Pentera a rating of seven out of ten..”

Vishnu Jadhav
Network engineer at Inniti network solution LLP

Read full review

My advice for someone considering Pentera who has a workflow similar to mine is to run the proof of concept in your real environment rather than an isolated lab, as the findings from a realistic network segment will strengthen the business case. Engage your legal and compliance team early to establish authority and testing scope, and always integrate penetration findings with your vulnerability management workflows from day one. I would rate this product nine out of ten.

Verified user
Ai Expert at a educational organization with 1,001-5,000 employees

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"The reviewer speaks from a sales perspective rather than a technical one. They recommend focusing on the features when presenting to customers, as traditional VAPT approaches cannot fulfill customer requirements. The solution is considered to be between simple and complex to use, with a neutral rating of seven out of ten. The overall product rating is 9 out of 10.."

Sabbir Ahmed
Director at Infosonik Systems Ltd

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"I would recommend the customer use the Pentera solution. Pentera AI is a good solution for automated tools and validating the security budget. The challenge is with the update after the new update of the new PTP and new TTP - we cannot withdraw, we cannot revoke the license.

Overall, I would rate this product seven out of ten.."

PhamQuyet
Pre-sale manager at Nam Truong Son

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“We didn’t use automated penetration testing much. It was acting a bit like a man in the middle. It was responding to broadcast requests and broke all the reporting in the warehouse. The problem was in our organization. However, the vendor can improve automated penetration testing to prevent such situations. I will recommend the solution to others. There's not much competition. It's quite a niche product. Overall, I rate the product an eight out of ten..”

Richard Marlow
Vulnerability Testing Manager at Frasers Group

Read full review

“We use Pentera for routine security assessments by demonstrating vulnerabilities to customers. For example, we show them how fixing one vulnerability, like SMB, can address related vulnerabilities. Customers appreciate the visual map view of their security landscape provided by Pentera.

Pentera helped uncover a critical vulnerability for a company during the pandemic. They had in-house servers with an SMB v2 vulnerability and were using legacy software or operating systems. We demonstrated the risk by conducting ransomware testing on these unsupported servers, highlighting the urgent need for mitigation.

Automated penetration testing with Pentera has boosted our team's efficiency. Manual testing required extensive reporting and specific exploitation of vulnerabilities, which was time-consuming. Pentera streamlines the process, reducing the time and costs associated with generating reports and pinpointing vulnerabilities quickly.

Pentera's vulnerability detection capabilities have about 90% accuracy, based on personal experience. While it accurately identifies most vulnerabilities, there are instances where reported vulnerabilities are not exploitable upon further testing.

New users should consider demonstrating Pentera's capabilities to their company. Automation helps uncover hidden vulnerabilities, improving security and highlighting areas for enhancement.

Overall, I would rate Pentera as an eight out of ten..”

AbhishekKumar17
Cybersecurity Engineer at a tech services company with 5,001-10,000 employees

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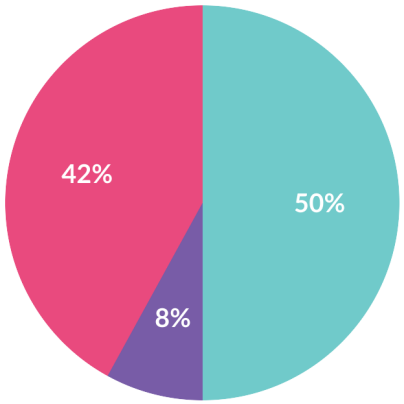
Company Size

by reviewers



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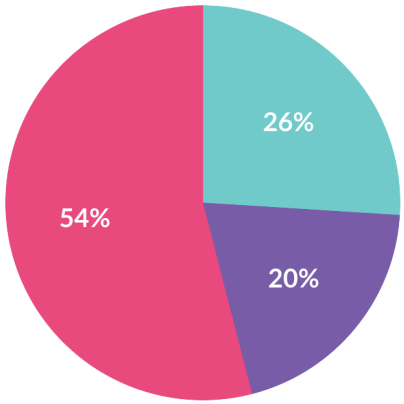

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