



PENETRATION TESTING

IoT Penetration Testing

Bugcrowd Penetration Testing-as-a-Service Solution

Summary

Over 80% of organizations use Internet of Things (IoT) devices, but less than one-third of CISOs are confident that security teams are equipped to mitigate IoT-based threats. The belief that IoT devices were of low value for attackers may have come about due to a legacy perception and, therefore, is not worth additional security research. However, drivers of smart cars and wearers of pacemakers may disagree. Frequent vulnerability testing protects data (and, in some cases, lives) and can provide significant competitive advantage to those that take it seriously. Like all forms of security testing, the most skilled IoT pen testers still need to practice. This can become cost prohibitive, narrowing the field of available talent. While scanners can help, even the most advanced of them are incapable of leveraging the business context to find high-impact, but lesser-known, vulnerabilities.

Specialized Pen Testing for IoT

Bugcrowd IoT Pen Testing is a cloud-based solution that plugs directly into your IoT development process to provide human-powered vulnerability discovery, validation, prioritization, and remediation advice. Physical devices can be shipped to our all-remote team of experts, each of whom are selected according to skill, experience, and performance with IoT pen testing. A thorough discovery of flaws in IoT devices requires specialized knowledge, skills, and experience. For this reason, Bugcrowd IoT Pen Testing brings the talents of a global community of security researchers, precise crowd matching via our CrowdMatch™ ML technology, rapid validation and triage, and the vast reservoir of vulnerability knowledge residing in the Bugcrowd Security Knowledge Platform™ to bear on every pen test engagement.

Every assessment includes:

- ✓ Dedicated, vetted pentesters matched by skill, experience, and performance
- ✓ Strict adherence to Bugcrowd's BugHunter Methodology™ including best practices from the OWASP Testing Guide, SANS Top 25, CREST, WASC, PTES, and more
- ✓ In-depth reconnaissance, scanning, and exploitation measures for thorough network analysis
- ✓ Validation and prioritization according to Bugcrowd's Vulnerability Rating Taxonomy (VRT)
- ✓ End-to-end program management with the industry's highest signal-to-noise ratio
- ✓ QSAC-Assessed compliance report

Key Points of Value



Start testing faster

Use the power of the Bugcrowd Platform and the Crowd to rapidly start your testing in as little as 72 hours.



Expert testers are matched to your requirements

CrowdMatch™ ML technology helps rapidly align the right skills and experience for the engagement.



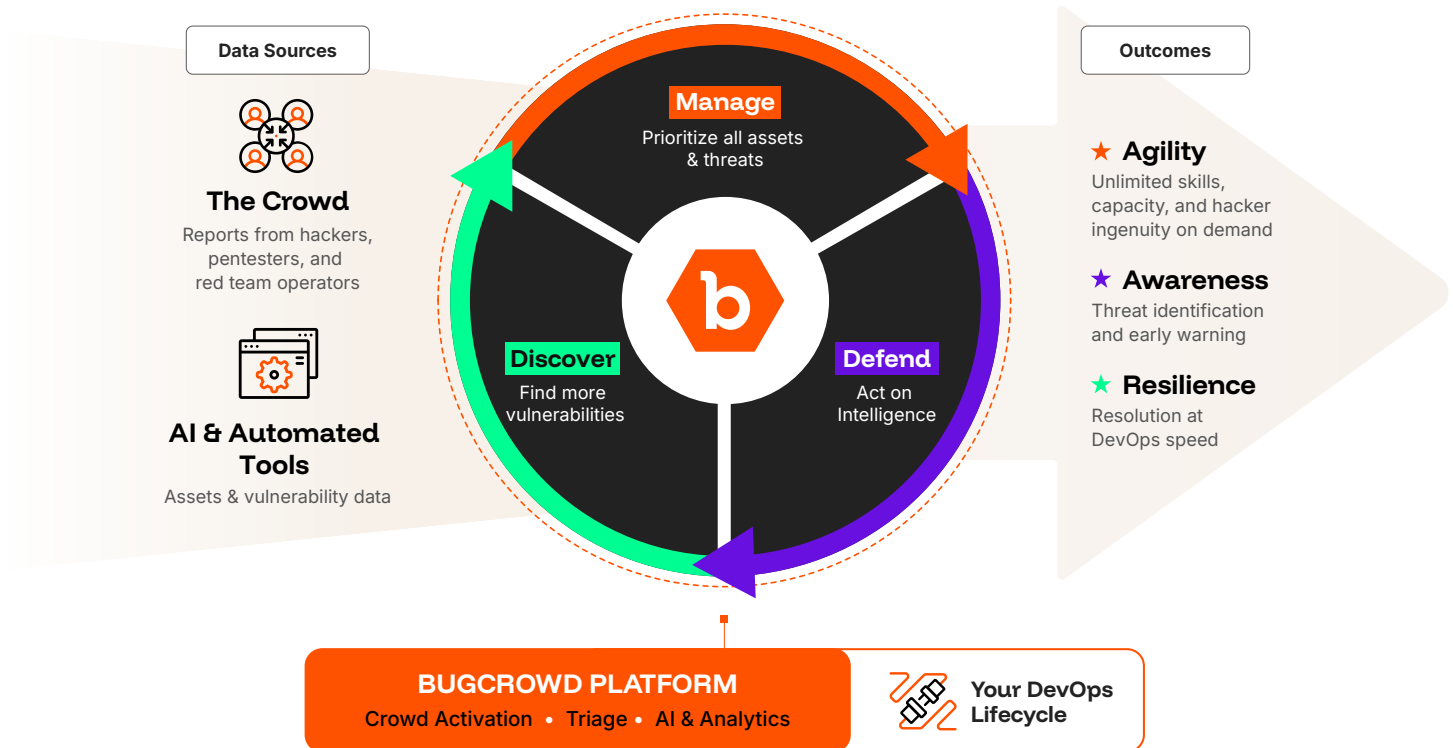
Get real-time results

Vulnerabilities are triaged, validated, and then made available in real time via the Bugcrowd Platform and in your integrated tools of choice to enable rapid remediation.

Packages can be modified and expanded to suit individual testing needs; indeed, they may include expedited report delivery, executive reporting, vulnerability re-testing, and even options to incentivize greater vulnerability discovery.



Bugcrowd Platform



The Bugcrowd Platform fuses AI with real-time, crowdsourced intelligence from the world's top ethical hackers, pentesters, and red teamers (aka The Crowd), as well as from automated tools that generate asset, threat, and vulnerability data. The powerful combination of human creativity and automation empowers you to continuously:

Agility

Augment Your Team On Demand

- ✓ Attacker mindset on tap for vulnerability discovery, pen testing, and red teaming
- ✓ 350+ skill sets and certifications available
- ✓ Crowd curation and activation guided by data and AI

Awareness

See and Prioritize Emerging Threats

- ✓ Continuous vulnerability intake, validation, and triage at scale
- ✓ 24/7 triage coverage with same-day response for P1s
- ✓ Early warning of emerging vulnerabilities

Resilience

Continuously Improve Security Posture

- ✓ Actionable reporting, benchmarking, and recommendations
- ✓ Directly integrates with existing tools for change at DevOps speed
- ✓ Deep bench of solution & support specialists at your side for quick wins and long-term ROI



Unleash Human Creativity for Proactive Security

TRY BUGCROWD