bugcrowd

PEN TEST AS A SERVICE

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.

How It Works

Unlike other pen testing providers, the Bugcrowd Penetration Testing as-a-Service solution offers flexible options for incentivized, continuous, and methodology-based testing with easy rotation of testers. It features a unified dashboard for all your pen testing and other Bugcrowd services. In addition to providing managed triage real-time visibility of pen test progress, and 24/7 reporting, every Bugcrowd Pen Test comes with a final report detailing findings and testing methodology to help meet even the strictest compliance needs.

Integrations for Workflow Automation

AssetGraph™   **CrowdMatch™**

Jira now GitHub

Scope Defined & Engagement Onboard

Customer Assets Profiled

Best Testers Matched

Testers Engaged

Findings Triaged, Validated & Prioritized in Real-Time

Real-Time, Unified View in the Platform

QSAC

Pen Test Report Delivered

CrowdGraph™

Researchers Vetted, Profiled & Continuously Graphed

Continuous Engagement Monitoring

Bugcrowd Security Knowledge Platform™

Vulnerability Disclosure
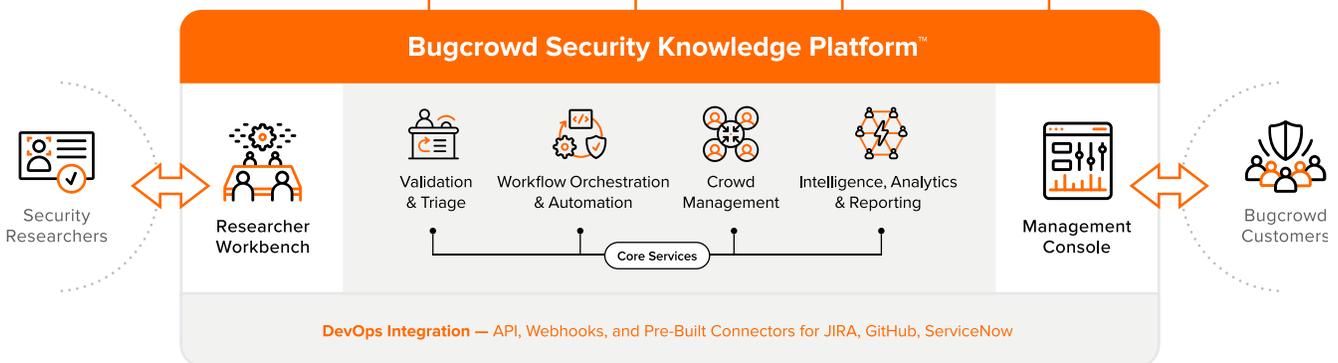Accept External Feedback

Bug Bounty
Discover More Vulnerabilities

Pen Test as a Service
Go Beyond Compliance

Attack Surface Management
Find and Prioritize Unknown Assets

Bugcrowd Security Knowledge Platform™

Security Researchers

Researcher Workbench

Validation & Triage

Workflow Orchestration & Automation

Crowd Management

Intelligence, Analytics & Reporting

Core Services

Management Console

Bugcrowd Customers

DevOps Integration — API, Webhooks, and Pre-Built Connectors for JIRA, GitHub, ServiceNow

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Best Security ROI from the Crowd

We match you with the right trusted security researchers for your needs and environment across hundreds of dimensions using machine learning.

Instant Focus on Critical Issues

Working as an extension of the platform, our global security engineer team rapidly validates and triages submissions, with P1s often handled within hours.

Contextual Intelligence for Best Results

We apply over a decade of accumulated knowledge from experience across thousands of customer solutions to achieving your goals for better outcomes.

Continuous, Resilient Security for DevOps

The platform integrates workflows with your existing tools and processes to ensure that apps and APIs are continuously tested before they ship.

Square   ATLASSIAN   SAP Concur   STELLANTIS   Walmart

Get started with Bugcrowd today   **bugcrowd.com/pen-test-pricing**