

## Closing the Gap Between Security & Development:

True risk reduction through SDLC integration, patch validation, and secure code education

### Highlights

- The **gap between Security and Development** inhibits improving code quality to reduce risk.
- **Bugcrowd bridges this disconnect**, enabling Development to fix vulnerabilities efficiently while writing more robust code overall.
- **The Bugcrowd Crowdcontrol platform integrates into SDLC** tools such as Jira, so developers manage security patch requests in their native environment.
- The Crowdcontrol retesting service verifies patches to **validate risk reduction and decrease Development overhead**.
- **Crowdcontrol provides secure coding education for developers**, based on vulnerabilities discovered in code.

### Discovering Vulnerabilities Isn't Enough

Vulnerability management is a security best practice, but true risk reduction only occurs when the issues identified are actually corrected. When it comes to application software, this is easier said than done. Application Development Teams are focused on "code time to market," and security is an afterthought. This "remediation gap" between Security and Development results in additional business risk and increased operational overhead.

"To maximize risk reduction, you need your developers fixing vulnerabilities as efficiently as possible. Bugcrowd helps your developers do exactly that, and in the process learn how to write more secure code."

**bugcrowd**  
Jonathan Gohstand,  
VP of Product

### Closing the Security/Development Gap

Bugcrowd's crowdsourced solutions help bridge the divide between Security and Development. Multiple capabilities accelerate patching, reduce overhead, and lower overall risk to the business.

<i>Feature</i>	<i>Benefit</i>
<b>SDLC Integration</b>	Developers receive bug reports in native tools; seamless feedback and reporting on bug status.
<b>Remediation Advice</b>	Developer education encourages secure coding practices and speeds patching.
<b>Retesting Service</b>	Verify patches for true risk reduction, and create less work for Development.

From start to finish, Bugcrowd helps Security and Development work efficiently and effectively to fix vulnerabilities and reduce security risks.



#### Reduce Operational Overhead

Automate the prioritization and communication of vulnerabilities into Development's day-to-day workflow.



#### Accelerate Remediation

Provide developers with educational information and added guidance to help expedite the vulnerability remediation process.



#### Effectively Reduce Risk

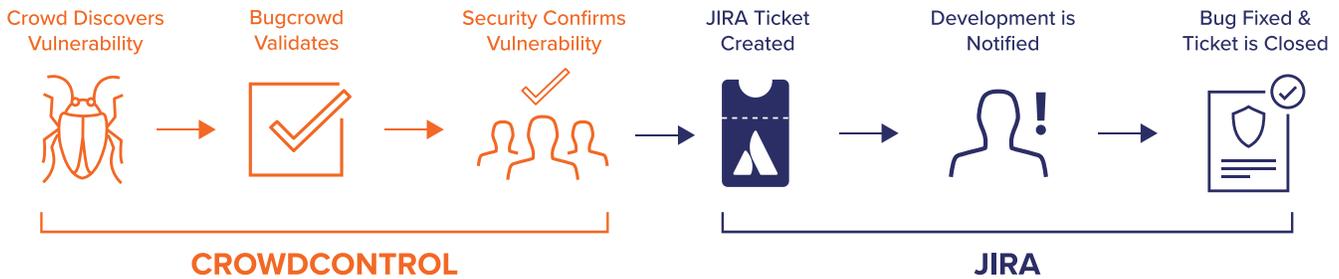
Verify the code has successfully been patched and is no longer a risk with Bugcrowd's retesting service.

### Workflow Optimization with SDLC Integration

Streamlining the communication of vulnerabilities into the development workflow is an essential step towards accelerating the remediation process. Bugcrowd supports leading development tools such as JIRA to integrate security patch requests into software development toolset. To ensure the right team members are notified, and the correct information is shared, users can tailor the integration to support extensive field mapping and multiple JIRA projects. Two-way integration provides reporting back to Security on the state of the patch requests.



## JIRA Integration Workflow



For organizations that use alternative tools for their SDLC, Bugcrowd provides an API that allows users to integrate vulnerability reports from Crowdcontrol.

## Remediation Advice for Developer Education & Fast Patching

Bugcrowd helps educate developers on implementing effective patches for vulnerabilities. When a researcher finds a vulnerability, Crowdcontrol automatically generates remediation advice based on the vulnerability's classification. This advice includes secure coding methodologies that help educate Development and increases its ability to create secure code in the future. Enabling developers to fix vulnerabilities quickly helps rapidly reduce risk while maintaining code velocity.

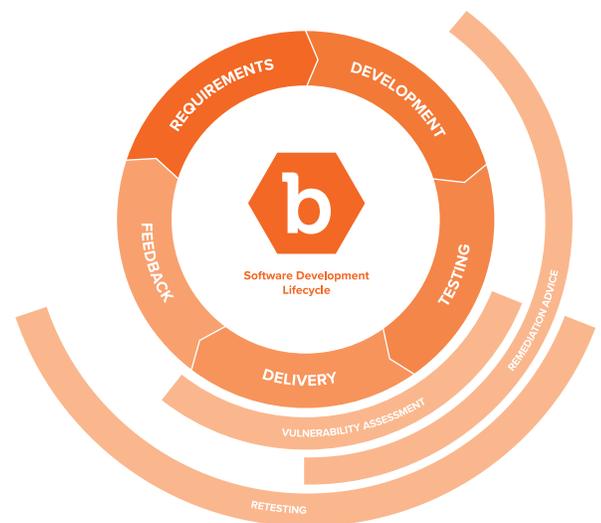
## Retesting Service: Not Just Fixed, but Fixed Right

Once a patch has been coded, it needs to be verified. Too often this doesn't happen because of limited developer resources or lack of security knowledge for effective testing. To ensure the patch is effective, the Bugcrowd retesting service offloads patch validation to our security experts. If the patch is found to be weak, Security can easily re-open the patch request, including information on why the vulnerability is still a threat. With Bugcrowd retesting, organizations don't have to ask their developers to validate patches, nor do they have to worry that they don't have the skills to verify the patch properly.

## Trusted by Leading Companies Around the World



## Where Bugcrowd Fits in the SDLC



## Getting Started

Want to learn more about how your organization can leverage crowdsourced security to start discovering and fixing high-value vulnerabilities missed by traditional security testing? Bugcrowd offers a full line of crowdsourced security solutions.

[www.bugcrowd.com/get-started](http://www.bugcrowd.com/get-started)

