

Secure Ideas Security Attestation Letter

April 22, 2020

Secure Ideas, LLC is a leading provider of security consulting and penetration testing services headquartered in Jacksonville, Florida, and has conducted an assessment for Widget Inc. The objective of the penetration test was to verify that the components of the Widget Inc.'s application and its supporting infrastructure are adequately protected with the appropriate controls, and based on industry information security standards and regulations.

Our assessments are performed in accordance with an industry standard methodology, which incorporates widely available requirements from information security regulations and industry standards, including but not limited to, the following:

- Open Web Application Security Project (OWASP) Guide to Building Secure Web Applications and Web Services
- Payment Card Industry (PCI) Data Security Standards v3.2.1 (Requirements 3 & 6 only)
- Penetration Testing Execution Standard (PTES)

The scope of the security assessment and penetration testing included components of the Widget Inc. Widget Processing Application. Specifically, our assessment included a detailed review of the Widget Inc. application by performing a web application and API penetration test.

The objectives of the assessment for the Widget Processing System were as follows:

- Identify vulnerabilities and security weaknesses within the Internet-facing web application and the REST API.
- Assess the web application and API for business logic flaws that could be exploited to perform unauthorized transactions or actions.
- Exploit identified weaknesses with the Internet-facing web application and API to demonstrate the risks and potential business impacts to Widget Inc. systems and operations.
- Recommend remediation and security controls to improve the security of Widget Inc. systems.

During the testing, Secure Ideas discovered that the web application and API developed by Widget Inc. was resilient to many of the attacks that were performed during the penetration test. While Secure Ideas was able to find flaws within the application, Secure Ideas has determined that the application's security controls are above the standards for securing web applications and APIs. This is based on experience testing a large variety of applications and RESTful APIs over our tenure as security consultants.

It is important to note that the assessment focuses solely on the application and API as tested. An application such as Widget Inc.'s Widget Processing System is part of an overall secure infrastructure. Vulnerabilities and weaknesses in networks, operating systems, and security policies and processes could lead to potential compromise, and security controls are required at all layers of the organization to mitigate these risks. Completion of the security assessment does not guarantee, nor does Secure Ideas, LLC warrant for Widget Inc. that it, (i) will receive favorable results in any audits by third parties, (ii) will be safe from all information security risks or vulnerabilities, or (iii) is in compliance with any third party compliance program or any regulatory compliance requirements.