



# Application Security Assessment

## VALUE

PatchAdvisor's application security assessment process has been proven and continually refined over two decades. Our approach is to review each application for security weaknesses and provide recommendations for improvement.

Our assessments are tailored to meet the needs of each client engagement. We will assess the true vulnerability of each application as it relates to your specific environment.

## SERVICE

PatchAdvisor will provide a professional third-party application level security assessment identifying vulnerabilities on COTS, GOTS and custom software packages.

**There are three main types of applications we evaluate:**

### TRADITIONAL WEB APPLICATIONS:

- Performed from the user interface as both an authorized and an unauthorized user
- Testing for authentication flaws, session hijacking, SQL injections, cross-site scripting, parameter tampering and other common application flaws
- Server side executable vulnerabilities
- Potential privilege escalation attacks

### CUSTOM CLIENT APPLICATIONS:

- Conducted from the client side of the application
- Clients may be reverse engineered to identify interaction with the back-end server
- Discovery often presents an opportunity to gain unauthorized access to a variety of data through client-based attacks

### ENTERPRISE APPLICATIONS:

- Tests from back-end to review architecture of component implementation
- Analyzes configurations, data flows, and application administration
- Often uncovers security bugs or flaws in third-party products
- Conducted against all systems associated with the application

The application assessment results are validated using a manual verification process. **This process benefits you by eliminating false positives, which most assessment companies leave for you to chase.** Our reports are customized to your unique environment. Every report provides an informative and thorough analysis, along with recommendations for each assessed component. In addition, each report provides a knowledge transfer of actionable issues to your administrative staff as well as a high-level overview to management.

## EXPERIENCE

PatchAdvisor's assessment teams are comprised of experts in their field. In addition to having over 60 years of combined security expertise, our team members maintain extensive knowledge in a wide range of subject matter ranging from first-hand administrative knowledge of most legacy systems to mastery of the latest web development environments and programming languages.

**PatchAdvisor's staff has provided thorough application security assessments throughout the world.** Our team maintains various U.S. Government clearances and has conducted numerous assessments within classified environments.

**We'll show you what your scanner is missing.**

To get started, contact us today at 703.256.0156 or [info@patchadvisor.com](mailto:info@patchadvisor.com)