# HOW ACUNETIX ENSURES WEB APPLICATION SECURITY



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Waiting for a security breach to occur is not an option for businesses that deal with highly sensitive information in a web application. Through a combination of dynamic applications, Acunetix actively seeks out vulnerabilities in your web applications and eliminates them. Once a system is exploited by a cyber attack it is often too late to reverse the damage. But Acunetix is the world leader when it comes to web application testing online. Learning how Acunetix keeps you safe from online security threats before they occur is the first step in creating a cyberinfrastructure that protects your most confidential information.

## Acunetix and Web Vulnerability Scanning

The Web Vulnerability Scanner from Acunetix is a vital component of any Web security strategy. The scanner is highly user-friendly with a variety of settings that can be changed through a straightforward user interface.

Running a scan with Acunetix is a remarkably simple process. You can enter the URL of your website in the Scan Wizard or scan a saved site structure. Acunetix even makes it possible to scan a group of computers for comprehensive security. You can even optimize Acunetix scanning technology by creating your own custom settings that change which security patch each scan focuses on.

## The Crawlers

Acunetix features Crawlers that gives you a range of scan options to choose from depending on your security concerns. The Crawlers displays a bar graph of located vulnerabilities and threats, organized in an easy-to-read color-coded format. The results give you crucial insights into the names and locations of where each risk is found. The data is then aggregated into a helpful statistics report.

But locating vulnerabilities is only part of the battle when it comes to digital security. A comprehensive web application such as Acunetix informs you about the patterns of threats uncovered by a scan. These patterns can point to an overall problem in your system that can prevent these threats from happening again.

## FUN FACT:

The first recorded 'hackers' were from 1878, only 2 years after the telephone was invented, a group of teenagers were running switchboards for telephones and were more interested on how the system worked then making connections.

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A unique feature of the Crawlers is its ability to scan files buried deep within your system. Acunetix finds what other applications miss and differentiates between harmless vulnerabilities, such as tracking cookies and other serious threats to your security infrastructure.

## Login Sequence Recorder

The Login Sequence Recorder works by creating password-protected sections of your app. Apps that deal with highly sensitive information and employ people

at varying levels of clearance present a serious security issue. If there are employees who manage your website or apps but do not have clearance to view certain information, you are more at risk for a security breach.

To resolve this problem, the Acunetix Login Sequence Recorder creates separate sections of your web applications. You can make it possible for low-clearance employees to access certain areas of your app while only high-clearance employees can access your most sensitive data. The areas of your website and app with sensitive information will require more complex login information to access. This means that employees have to have a username and complex password to access these sections.

> // You can make it possible for low-clearance employees to access certain areas of your app while only high-clearance employees can access your most sensitive data. //

Another benefit to the Login Sequence Recorder is that it monitors each time an employee logs into a specific section of your website or app. This means that if there is a data leak at some point down the line, you can easily pinpoint who had access to the information. The Login Sequence Recorder adds security to your system and makes it easy to trace internal and external security threats.

## Authentication Tester

The Authentication Tester is an ideal way to create password-protected sections of your app. While this may seem like a complex or unnecessary step, weak passwords are actually one of the most common reasons why apps get hacked. Strong passwords are necessary for every field, but especially

in ones dealing with confidential information. Even a low-level employee with a weak password can compromise your higher-level information.

The Authentication Tester works through a simple process. It attacks every password used on your app using the same methods a hacker would use. The idea is that hackers are always learning new ways to break into a system, so you should have an ally on your side to reveal weaknesses in your system before they can be exploited. Acunetix will not only test your passwords for strength but help you and your employees develop stronger passwords as well.

Acunetix is an entirely unique web application because it can make your online applications impenetrable through a multi-faceted approach to cyber security.

## Call Alliance Web Security today (888) 891-8885 for a demo on making your web apps and IT infrastructure invulnerable to online security threats.

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