

# Caveon™ Overview



Today's test cheaters are more creative than they used to be. In addition to scribbling notes on the palms of their hands, they're scouring the Internet for test questions. They use very sophisticated means to cheat, so it takes more sophisticated methods to catch them.

But many test programs don't know how vulnerable they are. And few have the necessary resources to catch cheaters or people stealing test questions, so they ignore the problem.

How can you be sure that no one pirates your exams without your knowledge, that your tests remain valid, and that the tens of thousands of dollars you spent to develop the tests are not lost when your test security is significantly breached? In other words, how can you be sure that you really are in control of your program security?

Enter Caveon, a one-of-a-kind test-security firm. Caveon is dedicated to detecting, correcting, and preventing test fraud so that you can focus on developing and managing your program. With Caveon, you have access to the services and resources necessary to protect valuable exams.

## Who Is Caveon?

Caveon is the first test-security firm to offer protection against test piracy and cheating. Using proprietary **detection** services we identify breaches, offer **remediation** services to halt and prosecute abuses of sensitive test information, and provide **prevention** services to help secure your testing programs from further compromise. Simply stated, Caveon is dedicated to providing services to protect your investment in test development.

The company was founded by testing-industry experts from test-delivery firms, test-development firms, and test sponsors—including ETS, Galton, Microsoft, and Hewlett-Packard.

## Who Needs These Services, and Why?

Caveon services address the needs of test sponsors, testing program managers, and anyone else who administers or manages a high-stakes testing program.

Test security is complex to administer and difficult to manage. Like many testing organizations, you may lack the time and personnel resources to

## *What Caveon will do for you:*

**Review** existing security measures against industry-endorsed Caveon standards.

**Identify** potential problems using two powerful, proprietary tools:

- Caveon Data Forensics™
- Caveon Web Patrol™

**Estimate** cheating prevalence rates across multiple tests and identify whether demographic, or environmental factors correlate to cheating.

**Stop** those who are breaching your test security.

**Advise** you regarding the essential steps to recover from security breaches.

**Verify** the validity of your tests and erect barriers to unauthorized access to prevent further breaches.

prevent or respond to test fraud. But if you don't know what's going wrong until the damage is done, you lose control. All you can do then is rebuild valuable tests... and hope that another breach doesn't occur.

Now you can do more than hope, because Caveon subscription services provide ongoing program security.

### What Does Caveon Offer?

Caveon offers an experienced team and new, specifically developed statistical-analysis tools and advanced technologies. As a first step, we conduct a Security Audit to help you verify test-program strengths and identify specific program vulnerabilities.

We then offer additional services to address vulnerabilities, giving you confidence that your program is secure.

The following table outlines the primary services we offer and provides a brief description to help you identify your organization's needs.

<b>Detection</b>	<p><b>Security Audit:</b> Identifies existing and potential security breaches.  <b>Caveon Data Forensics™:</b> Finds the clues cheaters leave behind.  <b>Caveon Web Patrol™:</b> Identifies unauthorized disclosures of sensitive test information.  <b>Advanced Analysis Services:</b> Drill into critical data, gathering evidence of test compromise.</p>
<b>Remediation</b>	<p><b>Investigative Services:</b> Verify suspected test fraud.  <b>Legal Support:</b> In conjunction with your in-house or contracted legal team, prepare basic admonitions; file and litigate suits.  <b>Web Patrol Verification:</b> Acquire test-preparation materials from suspicious sites and automatically score them against your tests to confirm piracy.</p>
<b>Prevention</b>	<p><b>Caveon Security Services:</b> A suite of services to help you prevent attacks.  <b>Consulting:</b> Best security practices for designing items, tests, and testing programs  <b>Legal best practices:</b> Legal precautions and user agreements  <b>Security plan:</b> Customized plan, developed by your Security Director.  <b>Security-breach action plan:</b> Step-by-step plan for recovering from and minimizing the impact of future security breaches.  <b>Security updates:</b> In-depth research reports, case studies, and surveys  <b>Caveon Security Partners:</b> Access to Caveon's network of approved test-security service and product providers</p>

Caveon, pronounced kav-eh-on, comes from the latin word caveo which means "to be on guard against", "to take care of", "to beware", and "to give security."

Caveon offers comprehensive services to combat test fraud and piracy with **detection** services to identify security breaches, **remediation** services to confirm suspicions and leverage legal processes to halt abuses of sensitive test information, and **prevention** services to secure tests from compromise.

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