

# ARE PROCTORS ENOUGH?

What test security risks threaten your online tests?  
Are basic security measures, like proctoring, enough to combat them?  
What else can you do to protect your exams?

Here at Caveon, we are big proponents of online testing, but only if it is **secure** online testing. Some may be used to relying on proctors as their only security measure, but that just isn't enough. A **robust security plan** is necessary for valid and effective online testing.

## SECURITY THREATS

### CHEATING

- Having prior knowledge of content
- Using a proxy
- Using a cheat sheet
- Getting help from an expert
- Copying a neighbor's answers

### THEFT

- Stealing content using photography
- Stealing content by recording a screen
- Transcribing content verbally during testing
- Stealing content by hacking into a server
- Memorizing content to share with others

## SECURITY SOLUTIONS

### PREVENT

- Randomize item order
- Randomize option order
- Utilize secure test designs that randomly present test content
- Employ adaptive testing

### DETER

- Inform test takers of the rules and consequences
- Inform test takers of methods in place for detecting fraud
- Require the signing of an honor code or oath

### DETECT

- Conduct data forensics
- Monitor the web for intellectual property
- Use proctors to detect theft and cheating during test administration