

# Comprehensive Security Education for Large Retail Merchants

**SAFELIGHT**  
SECURITY ADVISORS



From core internal applications, to improved, consumer-attracting POS technologies, to the ever-growing internet channel, the information technology assets of a retailer have become the central nervous system of the entire organization. You realize this, and unfortunately, so do well organized and well funded hacker/fraudster groups around the world. They strategically prey upon vulnerabilities that exist in all parts of your information ecosystem. They will plant insiders within your staff, exploit unsecure code in applications, and even steal customer payment credentials by card-skimming at checkout counters. Today's cyber-criminal groups are both persistent and intelligent enough to execute complex attacks that take years to plan.

## Technology Alone Is Not Enough

Protecting your central nervous system requires a complete, strategic security plan, involving the right mix of both technology and people. Large retail chains typically allocate large budgets towards security software and technology aimed at protecting your most important data assets, and to meet the many levels compliance. But how much are you investing in your people who are in control the technology? Build the applications you and your customers trust? Support the entire system? Do they know what to do when there is a breach? Until recently, it's been the people side of the equation that is overlooked.

<p>“A strong security policy sets the security tone for the whole company and informs employees what is expect of them. All employees should be aware of the sensitivity of data and their responsibilities for protecting it.... Implement a formal security awareness program to make all employees aware of the importance of cardholder data security “</p> <p>- <i>PCI Data Security Standard, Requirement 12, and 12.6</i></p>	<p>“Develop software applications based on industry best practices and incorporate information security throughout the software development life cycle.... Develop all web applications based on secure coding guidelines such as the Open Web Application Security Project (OWASP) guidelines “</p> <p>- <i>PCI Data Security Standard, Requirement 6</i></p>
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## The Hacker Mindset: We Know What You Are Up Against

Safelight knows this people side, and more importantly, we truly know what you are up against. From our Management Team, to our entire in-house Training and staff, Safelight's entire team all come from backgrounds that have worked hard to understand and fight the hacker and fraudster economy that has inflicted global business. We explicitly train our clients to think like hackers themselves. Understanding hacker motivations, methods of attack, and practical methods for building more secure systems is the foundation to success.

Security is everyone's job.

# Comprehensive Security Education for Large Retail Merchants

## Helping You Meet Information Security Regulations while Securing Your Enterprise

Ranging from several requirements listed in the PCI DSS, to various, new state-specific regulations, the burden of compliance for merchants in the US is not for the faint of heart. Safelight’s courses explicitly help our clients meet and exceed many of these requirements levied upon retail merchants. From highly technical secure coding courses, to common language security awareness courses fit for any employee, Safelight delivers a comprehensive set of courses that are customized to each client’s business, functional group and locale, via a variety of training options, from cutting edge computer-based eLearning, to instructor-led classrooms. We can roll out a best-of-breed security education program, in an order proven most effective for large retail organizations. The strategic delivery plan for retail clients: Start at the development level, and expand out from there. (Figure 1)

“Safelight works hard to truly understand our security challenges as a large retail merchant, and then deliver a complete, layered education solution that’s customized to fit our staff just right. We trust them as a vital extension of our security compliance program.”

**-Sr. Business Partner  
Safelight Retail Client**

Figure 1

OPTIMAL COURSE DELIVERY BY FUNCTION FOR LARGE RETAIL ORGANIZATIONS		C O U R S E S		
Order of Delivery	Functional Group	Least Technical	← →	More Technical
1st	<ul style="list-style-type: none"> <li>✓ Developers</li> <li>✓ IT Directors</li> <li>✓ CIO</li> </ul>	<b>APC1</b> <b>APC2</b> <b>APC3</b>	<b>AS1-2</b> <b>ITO1</b> <b>ITO2</b>	<b>SC1-5</b> <b>AS3-4</b>
2nd	<ul style="list-style-type: none"> <li>✓ Infrastructure</li> <li>✓ IT Operations</li> <li>✓ Project Mgmt</li> </ul>	<b>APC1</b> <b>APC2</b> <b>APC3</b>	<b>AS1-2</b> <b>ITO1</b> <b>ITO2</b>	<b>SC1-5</b> <b>AS3-4</b>
3rd	<ul style="list-style-type: none"> <li>✓ HR</li> <li>✓ Finance</li> <li>✓ Accounting</li> </ul>	<b>APC1</b> <b>APC2</b> <b>APC3</b>	<b>AS1</b>	
4th	<ul style="list-style-type: none"> <li>✓ Customer Svc</li> <li>✓ Sales</li> <li>✓ Business Dev</li> </ul>	<b>APC1</b> <b>APC2</b> <b>APC3</b>		
5th	<ul style="list-style-type: none"> <li>✓ Sr. Mgmt</li> <li>✓ Directors</li> <li>✓ Executives</li> </ul>	<b>APC1</b> <b>APC2</b> <b>APC3</b>		

  

Safelight Security’s Comprehensive Security EDUCATION DOMAINS
<b>Awareness, Privacy and Compliance</b>
<ul style="list-style-type: none"> <li>○ (APC1) – Comprehensive Security Awareness</li> <li>○ (APC2) – Comprehensive Information Privacy</li> <li>○ (APC3) – Compliance &amp; Governance</li> </ul>
<b>Application Security</b>
<ul style="list-style-type: none"> <li>○ (AS1) – Application Security Fundamentals</li> <li>○ (SC1) – Secure Java Coding</li> <li>○ (SC2) – Secure .NET Coding</li> <li>○ (SC3) – Secure Web Services Coding</li> <li>○ (SC4) – Secure Database Coding</li> <li>○ (SC5) – Secure Language-Neutral Coding</li> <li>○ (AS2) – Testing for Secure Applications</li> <li>○ (AS3) – Architecting Secure Systems</li> <li>○ (AS4) – Managing a Secure SDLC</li> </ul>
<b>Secure IT Operations</b>
<ul style="list-style-type: none"> <li>○ (ITO1) – Secure IT Administration</li> <li>○ (ITO2) – Infrastructure Security Fundamentals</li> </ul>

**Call Us Today To  
Get Started:**

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