

Data Breaches: Paths and Prevention

Presentation Duration:	1 to 4 Hours
CPE Hours:	1 to 4 CPEs
Level:	Beginner/Group-Live
Prerequisites:	None
Advanced Preparation:	None

This session will demonstrate the ease with which hackers and other unauthorized individuals gain access to networks and sensitive data. Attendees will learn how hackers avoid detection in order to take control of servers within the network. A live demonstration will be conducted showing how hackers locate sensitive information in compromised databases. The presenter will also demonstrate how to easily breach a firewall in order to set up an external exploit that accesses internal databases. Following each demonstration, the presenter will describe the controls that must be deployed in order to properly protect sensitive information in an electronic environment. Attendees will learn:

- Common weaknesses in Intrusion Detection System (IDS) and Intrusion Prevention System (IPS) configurations
- How to bypass a corporate firewall
- How databases can be used to compromise host systems and corporate networks