

## PCI-DSS



## **Overview**

This course is designed to give an overview of the standard and to provide guidance on the requirements and key considerations when implementing a PCI-DSS compliance programme. Whether your business is a large enterprise or small business the course provides relevant advice and guidance. Your instructor Graeme Parker uses his expertise and experience of implementing PCI-DSS to give real world examples and support. This introduction should provide some fundamental starting points for your PCI-DSS journey.

The Payment Card Industry Data Security Standard (PCI DSS) consists of a minimum set of necessary requirements that every merchant and/or service provider must meet in order to protect the cardholder data of their customers. This standard has been formulated by the PCI Security Standard Council which was formed by the five major card companies MasterCard, American Express, VISA, JCB and Discover. This set of requirements serves as a guideline to ensure the protection and security of their cardholder information. Compliance to the PCI DSS is mandatory for all organizations that store, process and transmit cardholder data in order to allow their users to carry out secure card transactions.

Failure to comply to the standard can result in higher processing charges from the card companies, to offset the perceived increased risk to the card company for your organisations non-compliance to basic security controls or expulsion from card acceptance program.

## **Purpose of PCI DSS**

The basic purpose of implementing the PCI DSS is to prevent any compromise of cardholder information at the hands of a malicious user. It helps merchants to protect their clients from facing any fraud over the internet, or in day to day credit card transactions by fulfilling all the requirements. By having a proactive approach towards the security of cardholder data, merchants decrease the probability of any potential online theft, fraud and security breach, which in turn helps prevent them from undergoing financial loss in the long run.

## **Who this course is for:**

- IT Professionals who need to understand PCI-DSS
- Software Developers, Engineers and Architects
- Network and System Administrators working in organisations where PCI-DSS applies
- Information and Cyber Security Managers

## **What you'll learn**

- An understanding of the PCI-DSS standard and how this applies in the real world
- Examples of how to address the core challenges of PCI-DSS in different environments
- The overall approach to testing and validating PCI-DSS compliance
- The key areas of PCI-DSS and associated solutions