



ICS

Innotech Creative Solutions



PCI DSS PAYMENT CARD INDUSTRY DATA SECURITY STANDARD IMPLEMENTATION MASTERCLASS

25 -27 February 2025

Sunbird Nkopola • Mangochi • Malawi

REGISTRATION CONTACTS

Kisunge Kabwere - Mobile: +265 880 432 451, Email: kisunge@icsafrica.co.mw

Thandiwe Gumbo - Mobile: +265 884 699 262, Email: thandiwe@icsafrica.co.mw

THE PAYMENT CARD INDUSTRY DATA SECURITY STANDARD (PCI DSS) MASTERCLASS

PCI DSS (Payment Card Industry Data Security Standard) is a set of security measures designed to ensure compliance with the data security standards of the payment card industry and protect customer data from breaches. These standards mandate minimum security measures for all organizations that process, store, or transmit credit card information. Compliance with PCI DSS is critical for securing payment card information and preventing data breaches.

Achieving PCI DSS compliance is not a once-off event, but a continuous process. Therefore, all organisations that process, store, or transmit payment card information must regularly review and update these

security measures. This process is essential not only for securing payment card data but also for maintaining customer trust and preventing potential financial losses.

With the increasing frequency of cyber threats, organisations handling sensitive payment information must stay compliant with PCI DSS and implement robust cyber-security practices. This Masterclass is designed to provide participants with a thorough understanding of PCI DSS requirements, cyber-security fundamentals, and practical strategies to secure payment data effectively.



Objectives of the Programme

The key objectives of the Masterclass are:

- **PCI Essentials:** Demonstrate foundational understanding of the payment card industry and the PCISSC
- **Overview of PCIDSS:** Understand the concept of PCIDSS and its application.
- **Understand PCI DSS Requirements:** Gain a deep understanding of PCI DSS and how it applies to payment data environments.
- **Implement Compliance Measures:** Develop skills to align business operations with PCI DSS requirements.
- **Identify and Mitigate Threats:** Understand common cyber threats to payment environments and implement preventive measures.
- **Prepare for PCI DSS Audits:** Learn best practices for audit preparation and maintaining compliance.

Learning Outcomes

By the end of the Masterclass, participants will be able to:

- Understand and apply PCI DSS controls to payment environments.
- Develop and implement cybersecurity strategies aligned with PCI requirements.
- Conduct risk assessments and prepare for PCI DSS audits.
- Stay updated with evolving trends in PCI DSS and cybersecurity.

Who Should Attend this Masterclass

This masterclass is designed for:

- IT Managers and Security Professionals
- Compliance Officers and Risk Managers
- Payment Processors and Merchants
- CISOs and Cybersecurity Consultants
- Auditors and PCI Assessors (QSAs)
- Employees handling payment data environments

COURSE CONTENT

DAY 1 - INTRODUCTION TO PCI DSS AND CYBERSECURITY ESSENTIALS

- **PCI DSS Essentials**

- Overview of the Payment Card Industry
- Introduction to the PCI Security Standards
- PCISSC Resources and Website

- **Overview of PCI DSS**

- History and Evolution of PCI DSS
- Purpose and Importance of PCI DSS Compliance
- Key Stakeholders (PCI SSC, Card Networks, QSAs)

- **PCI DSS vs Cybersecurity Practices**

- How PCI DSS Fits Within a Broader Cybersecurity Framework
- Challenges in Aligning Compliance With Security

DAY 2 - PCI DSS REQUIREMENTS AND CONTROLS

- **PCI DSS Compliance Requirements Overview**

- 12 Core PCI DSS Requirements
- Overview of Security Domains (Network Security, Access Control, Encryption, Monitoring)

- **Detailed Review of Key Requirements**

- Install and Maintain a Secure Network
- Protect Cardholder Data with Encryption
- Maintain a Vulnerability Management Programme
- Implement Strong Access Control Measures
- Monitor and Test Networks Regularly
- Maintain a Security Policy

- **Detailed Review of Key Requirements**

- Defining PCI Scope (Systems and Data Involved)
- Scoping Tools and Strategies



COURSE CONTENT

DAY 3 - PCI DSS COMPLIANCE PROGRAM MANAGEMENT AND RISK ASSESSMENT

- **Building a PCI Compliance Program**
 - Roles and Responsibilities (Internal Compliance Teams, QSAs, and External Auditors)
 - Governance and Policy Development
- **Preparing for PCI DSS Audits**
 - Self-Assessment Questionnaires (SAQ) and Attestation of Compliance (AoC)
 - Managing Documentation and Evidence
 - Conducting PCI DSS Assessment
- **Maintaining PCI DSS Compliance**
 - Continuous Monitoring and Security Audits
 - Managing Compliance in Hybrid/Multi-cloud Environments

Training Methodology

The masterclass will combine theory and practical sessions to ensure that participants gain hands-on experience and actionable insights. Key methodologies include:

- Interactive lectures and discussions
- Case studies and group exercises
- Live demonstrations using tools (e.g., firewall setup, encryption)
- Role-play activities (e.g., audit simulations and incident response drills)
- Q & A sessions with industry experts

Certification

Upon successful completion of the masterclass, participants will receive a Certificate of Completion. They can use this certificate to demonstrate training and compliance efforts.

IMPORTANT INFORMATION

Course Reference	PCIDSSMW2501
Facilitator	Innotec Creative Solutions (ICS) Africa
Registration Contact	KISUNGE KABWERE Mobile: +27 83 608 4530 Email: kisunge@icsafricagroup.com
Early Bird Registration Fees	MK1,300,000 (Applicable until 31 January 2025)
Normal Registration Fees	MK1,500,000 (Applicable between 1 February and 22 February 2025)
Group Registration Fees	MK12,000,000 (Minimum 10 delegates from the same organisation)
THE ABOVE FEES DO NOT INCLUDE V.A.T.	

PLEASE NOTE

All quoted fees are applicable per delegate unless otherwise expressly indicated. Full payment is required before the Masterclass commences.



Facilitator Profile

JASON IKEGWU

Jason is a Partner at Phillips Consulting Limited (p.c.l.) responsible for Digital and Technology Consulting practice. He has over 20 years of extensive experience in digital, technology and cyber security advisory in major sectors of the economy, developing and defining effective frameworks, governance processes and roadmaps.

He is the first indigenous Payment Card Industry Qualified Security Assessor (PCI-QSA) in West Africa and has conducted security assessment and implemented sustainable payment ecosystem infrastructure in over 20 countries in Africa.

Jason brings a range of technology and digital capabilities to address organisational situations focusing on business priorities, and making sure systems architecture, operating model and costs match objectives. He has supported numerous organisations in establishing digital transformation programmes with hands-on implementation initiatives.

transformation, digital strategy development, project and programme management, process improvement and implementation, digital and operating model design, digital transformation, business strategy & operations management, data analytics and robotics automation and implementation.

Jason has a Bachelor and Master degrees in Computer Science and MBA in Business Management with over 65 professional certificates in business transformation, information security, business intelligence, process management, data analytics, project and programme management, IT governance, risk management, business assurance, e-business design, platform management and business innovation.

Jason is an alumnus of Howard Business School and Lagos Business School.

ORGANISATION

ADDRESS

TOWN/CITY

TELEPHONE

ECONOMIC SECTOR

EARLY BIRD REGISTRATION FEES	MK1,300,000 per delegate
NORMAL REGISTRATION FEES	MK1,500,000 per delegate
GROUP REGISTRATION FEES	MK1,200,000 per delegate

Fees include access to the particular event paid for, and all related activities. Transport and accommodation are NOT included. Fees are subject to change without notice. Quoted fees DO NOT include V.A.T.

DELEGATE DETAILS

FULL NAME	DESIGNATION
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PAYMENT OPTIONS

Please select one of the following payment options:

Credit Card Debit Card

American Express Mastercard Visa

Card Number:

Valid Date: Expiry Date: CSC:

Billing Address:.....

Bank Transfer Cash Cheque

BANKING DETAILS

Account Name - **Innotec Limited**
 Account No. - **1007648247**
 Account Type - **Current**
 Bank - **National Bank**
 Swift Code - **NBMAMWWW**

Terms and Conditions:

- Innotec are the organisers of this particular event. Payment covers events selected above. Proof of payment should be faxed or emailed to the Organizers immediately. Accommodation is optional. Travel to and from the venue is NOT included.
- If registered delegate is unable to attend any of the events, a substitute delegate may attend provided written notification is produced. If registered delegate is unable to attend and there is no substitute delegate, payment will still be due and a credit note shall be given to delegate to attend another Innotec event.
- The organizers reserve the right to alter the published programme and speakers based on the circumstances. Cameras and recording devices are not permitted without prior permission. The organizers reserve the right to refuse admission to the event. Delegates may be asked to undergo security searches at the event venue.
- The Organizers reserve the right, at their sole discretion, to amend or cancel sessions at any time without any notice to anyone. All materials produced or distributed at the event are the intellectual property of Innotec unless otherwise stated.
- Should for any reason, the date, venue or speakers change, or the event be cancelled due to an act of terrorism, extreme weather conditions, industrial action, disruption caused by fire or public protests, Innotec shall endeavour to reschedule but the delegate hereby indemnifies and holds Innotec harmless from and against any and all costs, damages and expenses, including attorneys fees, which are incurred by the delegate.
- While every reasonable effort will be made to adhere to the advertised package, Innotec reserves the right to change event dates, sites or location or omit event features, or merge the event with another event, as it deems necessary without penalty and in such situations no refunds, part refunds or alternative offers shall be made.
- In the condition that Innotec permanently cancel the event for any reason whatsoever, (including, but not limited to any force majeure occurrence) and provided that the event is not postponed to a later date nor is merged with another event, the Delegate shall receive a credit note for the amount that the Delegate has paid to such permanently cancelled event, valid for up to one year to be used at another Innotec event. No refunds, part refunds or alternative offers shall be made.

REGISTRATION AUTHORIZATION

Signatory must be authorized to sign on behalf of contracting organization.

NAME

POSITION

SIGNATURE