

Data Protection Training- Technology & Product

2-Hour Sessions for Cross-Jurisdictional African Operations

Session 2: Technology & Product (27 Participants)

Theme: Secure Design, Technical Controls & Engineering Responsibilities

Duration: 2 hours

Topics Covered

1. Privacy by Design
 - Integrating privacy into product lifecycle and system architecture.
2. Information Security Foundations
 - CIA triad, risk-based controls, and secure operational practices.
3. Access Controls
 - RBAC, least privilege, MFA, privileged access monitoring.
4. Data Retention & Deletion
 - Automated retention rules, logs, telemetry, audit trails.
5. Cloud Security
 - Shared responsibility model, encryption, key management.
6. Incident Response
 - Technical containment, forensics basics, and recovery procedures.
7. Secure System Development
 - OWASP principles, secure coding practices, SDLC integration.
8. Case Study
 - Payment API compromise scenario.