**Compliance & Security Monitoring Reports**

**Project:** Odoo ERP for Telecom Operations  
**Version:** 1.0  
**Date:** [Insert Date]

**A. Purpose**

To document continuous monitoring of regulatory compliance (e.g., CAK, GDPR), telecom-grade data security controls, and system security posture during ERP implementation.

**B. Compliance & Regulatory Scope**

| **Regulation/Policy** | **Relevance** | **Controls Implemented** | **Status** |
| --- | --- | --- | --- |
| CAK (Kenya Communication Authority) | Subscriber data protection | Encrypted subscriber DBs, audit logs | Compliant |
| GDPR (if applicable) | Data subject rights & storage | Consent capture, DPO review, Right to Erasure | Compliant |
| ISO 27001 | Information security controls | IAM, backup protocols, secure change mgmt | Partial |
| Telco SLA Contracts | Availability, reporting, escalation | Auto-monitoring dashboards, BCP setup | Compliant |

**C. Security Monitoring Dashboard**

| **Category** | **Metric** | **Threshold / SLA** | **Current Status** | **Remarks** |
| --- | --- | --- | --- | --- |
| **IAM** | Role-based access violations | 0 | 1 alert flagged | Excessive privilege for intern |
| **Network Security** | Intrusion attempts detected | ≤ 5/month | 2 this month | Alerted SOC |
| **Data Security** | Encryption coverage | 100% PII/PHI data | 100% encrypted | AES-256 verified |
| **Audit Logs** | Log retention | ≥ 90 days | 120 days configured | Verified |
| **Patch Management** | Critical patch lag | ≤ 48 hrs | 24 hrs avg | SLA-compliant |

**D. Tools Used**

* **SIEM:** Splunk Cloud / OSSIM
* **IAM:** Keycloak + LDAP + Odoo RBAC
* **DLP:** Endpoint Security + Email Filter Rules
* **Compliance Audit Tools:** Excel Checklist, Compliance.io
* **Automated Scanning:** Nessus, OpenVAS, SonarQube (code)

**E. Key Events Logged**

| **Date** | **Incident / Compliance Gap** | **Impact** | **Resolution** |
| --- | --- | --- | --- |
| 2025-07-15 | Failed login brute force (Odoo UI) | Medium | IP blocked, MFA enforced |
| 2025-07-20 | CR bypassed approval workflow | High (governance) | CCB controls re-implemented |
| 2025-07-22 | GDPR consent popup not localized | Low | Patch issued |

**F. Audit Trail Retention Plan**

* **System Logs:** Retained for 1 year
* **User Activity:** Tracked with timestamps & IP
* **Access Reviews:** Monthly revalidation of all elevated privileges
* **Compliance Sign-offs:** Retained with digital signatures