POLOSYS HOTELIX - SECURITY & COMPLIANCE

Enterprise Architecture, Encryption, and Standards Statement

Effective Date: October 2026 | Polosys Hotelix PMS

1. Infrastructure Architecture

Polosys Hotelix PMS operates on high-availability infrastructure utilizing multi-tenant database isolation, containerized microservices, and automated health checks to ensure enterprise-grade stability.

2. End-to-End Encryption & Cloud Storage

Data at Rest: Encrypted using AES-256 standards across database tables, connection strings, and configuration secrets.

Data in Transit: Enforced HTTPS/TLS 1.3 encryption across all endpoints and API integrations.

Asset Storage: Digital documents, guest ID uploads, and invoices are secured in dedicated Backblaze B2 buckets with authenticated presigned signatures.

3. E-Invoicing & ZATCA Phase 2 Compliance

Integrated ZATCA Phase-2 cryptographic compliance ensures every hotel invoice, tax report, and guest receipt features cryptographic stamps, UUIDs, and tamper-proof verification.

4. Access Control & Audit Trails

Role-Based Access Control (RBAC) ensures front desk staff, housekeeping, and management only access permitted modules. Complete chronological audit logs track all sensitive operations.

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