[LAYOUT PREVIEW SAMPLE #3] template_id = 'ciso_security_audit_report' (lang='en')

[Security & Compliance Audit] BYOS Entity Masking & Zero-Custody Report

Doc Ref: SEC-2026-1031-03 | Compliance Scope: SOC 2 · ISO/IEC 27001 · GDPR Art. 32 · Internal InfoSec Review

Prepared	Reviewed	Director	Approved
A. Kim Signed	J. Lee Signed	M. Park Reviewed	Pending

I. Security Review Metadata & Local BYOS Vault Isolation Path (org_info)

[VPC Self-Custody Verification]

Audit Field	Security Control Detail (Preview)	Template Slot (org_info)
Reviewing Team / Lead	Global FinTech Corp. (Information Security & GRC) / Morgan Park, Principal Auditor	{company_name}, {author_name}
Audit Period	2026-10-01 to 2026-10-31	{reporting_period}
Internal BYOS Vault Path	/var/lib/enterprise/cdx_byos/enterprise_vault.db (Customer-Owned SQLite3)	{byos_storage_location}
Outbound Vendor Telemetry	0 Byte (Zero external telemetry modules · aggregated locally)	{vendor_data_transmission}

II. Entity Pseudonymization & Live AST Audit KPIs (Layout Preview)

[Security & Compliance Review KPIs]

1. Outbound Vendor Telemetry

0 Byte (Zero-Custody)

Prompts & vaults stay inside VPC

Slot Key: {vendor_data_transmission}

2. Masked & Restored Calls

184,920 Calls [Sample]

Tracks exact masked/restored entities

Slot Key: {total_masked_outbound_calls}

3. Open-Adapter Live AST Scan

PASS (Live AST Scan)

Scans installed .py for network imports

Slot Key: {static_code_audit_result}

III. CDXCloak Explicit Pin Inventory & Open-Adapter Static Verification

[Live Local Verification]

Security Control Item	Measured Local Audit Detail (Preview)	Local Source (BYOS / AST)	Template Slot Key (metrics)
Pinned Secret Categories	Lists actual secret pin labels & counts registered in customer BYOS (e.g. VIP_CUSTOMER, SETTLEMENT_ACC)	reporter.cloak.explicit_secrets	{cloak_pinned_categories}
Outbound Masked Calls	Exact calls & entity counts replaced with [[VAULT_PIN_*]] placeholders prior to external LLM API calls	summary['cloak_byos']['masked_calls']	{total_masked_outbound_calls}
Inbound Local Restorations	Exact calls & entities where placeholders were present and restored locally (plain replies never inflate count)	summary['cloak_byos']['unmasked_calls']	{local_unmask_restorations}
Masking Policy Mode	strict_pin_mode=True status (replaces explicit pins only so dates, amounts, and code numbers remain untouched)	reporter.cloak.strict_pin_mode	{false_positive_mutations}
Open-Adapter (.py) AST Scan	Parses installed open-adapter .py files via Python ast to verify 0 imports of requests/httpx/urllib/socket	verify_open_adapter_static_imports(lang='en')	{static_code_audit_result}

Data Custody Attestation & 1:1 Raw BYOS Audit Export:

- All entity mapping vaults (enterprise_vault.db) and telemetry counters remain isolated inside customer-designated BYOS storage.
- Security & GRC teams can export unmodified raw BYOS records anytime via reporter.export_byos_raw_data('./audit_raw.csv').

[Command] reporter.save_report('ciso_security_audit_report', './security_audit.html', use_live_telemetry=True, lang='en')