SMART AFRICA EOI · CONTROLLED SYNTHETIC DEMONSTRATOR

Audit & Traceability Report

Extensive evaluator-facing report generated from current demonstrator evidence.

REPORT CLASS	ASSESSMENTS	EVIDENCE	BOUNDARY
Evidential	15	Controlled	Advisory

1. Audit objective

Audit evidence supports reconstruction of how an assessment was produced and which versions/evidence were associated with it.

2. Traceability register

Transaction	Model	Policy	Audit ref	Recommendation
BANKA-HIGH_VELOCITY-003	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-BANKA-HIGH-VELOCITY-003	APPROVE
BANKA-INSUFFICIENT_METADATA-005	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-BANKA-INSUFFICIENT-METADATA-005	REJECT
BANKA-NEW_DEVICE-002	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-BANKA-NEW-DEVICE-002	APPROVE
BANKA-NORMAL-001	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-BANKA-NORMAL-001	APPROVE
BANKA-UNUSUAL_CORRIDOR-004	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-BANKA-UNUSUAL-CORRIDOR-004	APPROVE
FINC-HIGH_VELOCITY-003	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-FINC-HIGH-VELOCITY-003	APPROVE
FINC-INSUFFICIENT_METADATA-005	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-FINC-INSUFFICIENT-METADATA-005	REJECT
FINC-NEW_DEVICE-002	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-FINC-NEW-DEVICE-002	APPROVE
FINC-NORMAL-001	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-FINC-NORMAL-001	APPROVE
FINC-UNUSUAL_CORRIDOR-004	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-FINC-UNUSUAL-CORRIDOR-004	STEP_UP_AUTHENTICATION
MNOB-HIGH_VELOCITY-003	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-MNOB-HIGH-VELOCITY-003	APPROVE
MNOB-INSUFFICIENT_METADATA-005	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-MNOB-INSUFFICIENT-METADATA-005	REJECT
MNOB-NEW_DEVICE-002	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-MNOB-NEW-DEVICE-002	APPROVE
MNOB-NORMAL-001	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-MNOB-NORMAL-001	APPROVE

Transaction	Model	Policy	Audit ref	Recommendation
MNOB-UNUSUAL_CORRIDOR-004	TRUST-BASELINE-0.1.0	1.0.0-DEMO	AUDIT-MNOB-UNUSUAL-CORRIDOR-004	APPROVE

3. Runtime audit evidence

PARSED AUDIT RECORDS

15


```
[
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "bb61b5376883731c8bd1b6e0be1f84fa1bbd49ffb08fbcab2f256da02586d6d9",
    "timestamp": "2026-09-15T14:54:10.438775+00:00",
    "transaction_id": "BANKA-HIGH_VELOCITY-003"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "REJECT",
    "record_hash": "1e62cb61f4483d1546da3444ec0dd29f4fa7583a7995226c15316ca642bf1fe8",
    "timestamp": "2026-09-15T14:54:10.438858+00:00",
    "transaction_id": "BANKA-INSUFFICIENT_METADATA-005"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "cecf4d1c51ede2ff15b52ebabed7b3a57bc27bb7dc8c06e6fab90a9440b79498",
    "timestamp": "2026-09-15T14:54:10.438909+00:00",
    "transaction_id": "BANKA-NEW_DEVICE-002"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "fc0f644a8dd20dd979ade779946781a421beaad8e42ef45ad50fce9d6e1da7a1",
    "timestamp": "2026-09-15T14:54:10.438964+00:00",
    "transaction_id": "BANKA-NORMAL-001"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "2de24b5b6d93b306e3518baabba2c4595cd1fbdf661d7cff3e70b01d1847f7cb",
    "timestamp": "2026-09-15T14:54:10.438986+00:00",
    "transaction_id": "BANKA-UNUSUAL_CORRIDOR-004"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "aae814bff2217226b61df4bb8b58aefcc5f35a0c64c48d6720f4ad46043ff808",
    "timestamp": "2026-09-15T14:54:10.439003+00:00",
    "transaction_id": "FINC-HIGH_VELOCITY-003"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "REJECT",
    "record_hash": "baaa3db98b90950963dbf8aeeffad849a6fb669dfa96fb676676bea04a40a733",
    "timestamp": "2026-09-15T14:54:10.439019+00:00",
    "transaction_id": "FINC-INSUFFICIENT_METADATA-005"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "226eb09afc519fd828f3e47094af69a515bcf843b30408a04fb68c3cf5cecb3c",
    "timestamp": "2026-09-15T14:54:10.439035+00:00",
    "transaction_id": "FINC-NEW_DEVICE-002"
```

```
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "b09d6f93d002fcf698c0981c1d2a5f1aa1932f86bfeceec5907ea3bfab41eb78",
    "timestamp": "2026-09-15T14:54:10.439051+00:00",
    "transaction_id": "FINC-NORMAL-001"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "STEP_UP_AUTHENTICATION",
    "record_hash": "3ca1d931c03c628ce751e83fbf48492f6bf1cd6590bff86dd7eb43e1dff79598",
    "timestamp": "2026-09-15T14:54:10.439066+00:00",
    "transaction_id": "FINC-UNUSUAL_CORRIDOR-004"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "1ff8abc1470df68eb3a49dd0bcc51a64520bc853430e2f6a5745f55e244dc009",
    "timestamp": "2026-09-15T14:54:10.439081+00:00",
    "transaction_id": "MNOB-HIGH_VELOCITY-003"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "REJECT",
    "record_hash": "0091ba174f86aa1eed562c2680440283c70758ae679456a4ce40329f7285c71e",
    "timestamp": "2026-09-15T14:54:10.439096+00:00",
    "transaction_id": "MNOB-INSUFFICIENT_METADATA-005"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "4a61a7ad63df5f4afd23a3006025cf0d8d794d6f92b7aaadeea5bf6a6cbad994",
    "timestamp": "2026-09-15T14:54:10.439114+00:00",
    "transaction_id": "MNOB-NEW_DEVICE-002"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "58c5985bd026a4e3ab1b44245d52856587a5520f520193342521963d17e9c813",
    "timestamp": "2026-09-15T14:54:10.439129+00:00",
    "transaction_id": "MNOB-NORMAL-001"
  },
  {
    "event_type": "TRUST_POLICY_RECOMMENDATION",
    "policy_version": "1.0.0-DEMO",
    "recommendation": "APPROVE",
    "record_hash": "8e76828883e346e1ce2b901e1508f40b1a96f959563ffc877546f93a17980bd4",
    "timestamp": "2026-09-15T14:54:10.439144+00:00",
    "transaction_id": "MNOB-UNUSUAL_CORRIDOR-004"
  }
]
```


4. Reconstruction model



Demonstrator boundary. Generated from synthetic/controlled demonstrator evidence. TRUST provides an advisory assessment and policy recommendation; the participating institution retains final transaction decision authority. This document is not production certification.