

## MaxAudit – Evaluation Matrix & Conformity Framework

Version: 1.0

Issued by: SAC, Take Back Your Data (TBYD)

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### 1. Purpose

This document defines the official evaluation matrix for assessing conformity of MaxAudit-based infrastructures, implementations, and forks. It provides a deterministic and reproducible scorecard usable by operators, regulators, certifiers, and independent audit bodies.

### 2. Evaluation Scope

- Architecture compliance
- Audit logic adherence
- Cryptographic binding to License and Fork ID
- Visual and operational transparency
- Documentation sufficiency
- System resilience and auditability

### 3. Matrix Dimensions

Dimension	Target Criteria	Verification Method	Mandatory for 100/100
Structural Compliance	Instance matches reference schema exactly	Hash comparison (Verifier/Dongle)	Yes
AuditChain Linkage	Result anchored with license state + timestamp	SHA256 signature validation	Yes
Fork ID Integrity	Registered Fork ID used + profile hash validated	Fork Registry lookup	Yes
Realtime Feedback Validity	Audit result rendered within 250 ms	UI simulation trace	No*
Documentation Precision	All modules fully described + reproducible	Manual review or doc-audit	Yes
Resilience Handling	Audit continues under degradation	Fault injection / timeout test	No*

	conditions		
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#### 4. Scoring System

- Each dimension is rated 0–100
- Final conformity score is the minimum of all mandatory dimensions
- Full 100/100 certification only if all mandatory fields = 100
- Optional dimensions influence operational trust score but not certification eligibility

#### 5. Usage & Enforcement

- Matrix may be applied internally or by third-party auditors
- Dongle and Verifier contain internal scoring engine for automated evaluations
- Output: Scorecard (PDF/JSON) signed with audit certificate key
- Registry may publish aggregate conformity ratings (optional)