

v3.4-FND-007 – Fork Registry & Compliance Tracking

Document Title	Fork Registry & Compliance Tracking
Version	v3.4
Document ID	v3.4-FND-007
Date	2025-03-22
Author	Take Back Your Data – Audit & Ops Unit
Document Type	Public / Certification / Internal

1. Purpose & Scope

This document defines the MaxOneOpen Fork Registry and its role in ensuring transparency, traceability, and compliance across sovereign and institutional deployments. It is the authoritative register of all officially certified and tracked forks.

2. Fork Registration Structure

- Each fork receives a unique Fork ID (e.g. M10-DE-GOV-01)
- Forks are registered per certified version (e.g. v3.5)
- Each registration contains:
 - Fork ID
 - Maintainer Entity
 - Scope (FND, STK, EXE blocks included)
 - Certification reference hash
 - Validity period

3. Compliance Metadata Fields

Field	Format	Required	Use Case
Fork ID	String	Yes	Unique Fork Identifier
Certified Version	vX.X	Yes	Version basis for fork
Certification Hash	SHA-256	Yes	Verifiable compliance proof
Maintainer Entity	String	Yes	Legal owner or operator
Expiration Date	ISO 8601	Yes	End of support window

4. Update & Revocation Logic

- Fork entries may be updated (e.g. patch-level change) with new hash
- Forks are revoked upon non-compliance or expired support
- Revocation triggers alerts in dependent validation chains
- Public registry interface is cryptographically signed and timestamped

5. Audit Integration

The registry is fully integrated into certification and audit logic:

- Fork history is traceable for all certified instances
- Automated diffing tools track compliance drift
- Auditors may query fork state via public interfaces or internal APIs

6. Certification Relevance

Forks must be registered in this system to be eligible for certification and deployment endorsement. Unregistered forks are considered unverified and non-compliant, regardless of technical quality.