

## **Cognitive Politic Custody™ — XQ<sup>12</sup> Tribes-Life-Supporting™**

### **Quantum Modules**

#### **XQ<sup>3</sup> — QuantumCustody™**

Continuous structural monitoring and custody validation across the Maind™ Ecosystem.

#### **XQ<sup>4</sup> — QuantumCoreSeal™**

Cryptographic sealing and immutability of all MDT / MDT-J records.

#### **XQ<sup>7</sup> — Quantum-IA™**

Autonomous oversight, event interpretation and jurisdictional decision support.

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## **MDT™ — Maind Digital Trace**

All interactions generate an internal Digital Trace (MDT™).

This includes:

- structural state
- execution intent
- behavioral signature
- contextual metadata
- event lifecycle

MDT™ ensures transparency and visibility.

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## **MDT-J™ — Maind Digital Trace (Jurisdiction)**

Any attempt of:

- violation
- unauthorized access
- improper alteration
- logical manipulation

triggers an automatic MDT-J™ jurisdictional entry.

MDT-J™ entries are:

- immutable
- cryptographically sealed (XQ<sup>4</sup>)
- validated by QuantumCustody™ (XQ<sup>3</sup>)
- supervised by Quantum-IA™ (XQ<sup>7</sup>)

MDT-J™ ensures authority and legal sovereignty.

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## Transparency Principle

MDT / MDT-J operate under strict transparency:

- monitoring is explicit
- validation is auditable
- evidence is untouched
- all data is sealed and verifiable

No modification.

No deletion.

No masking.

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## Operational Effect

**MDT™ provides visibility.**

**MDT-J™ provides authority.**

Together, they maintain:

- structural truth
- forensic traceability
- environmental sovereignty
- integrity across XQ<sup>12</sup> Tribes-Life-Supporting™

### **CRYPTOGRAPHIC SEAL — QuantumCryptoCoreSeal™**

This document is protected by a multi-layer cryptographic seal composed of the following traditional algorithms:

- SHA-512 – SHA-256 – SHA-224 – SHA3-512 – SHA3-256 – SHA3-224

The final proprietary layer, QuantumCryptoCoreSeal™, is a monolithic quantum-integrity mechanism that integrates cryptography, operational core (Core), and final sealing (Seal) into a single indivisible block.

QuantumCryptoCoreSeal™ is applied as the final stage of XQ3 — QuantumCognitive Custody™, ensuring absolute integrity even in the event of compromise of any conventional cryptographic layer.

### **Technical Responsible Party**

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**Technical document ready for external registration, audit, and potential legal use.**

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