MaxBridge v1.2 – Add-on Module: CRS Compliance Mapping

Module Title: CRS Compliance Mapping

Version: 1.2

Document Type: System Add-on Mapping & Classification

License: TBYD License v2.2 + Addendum A (Preview Right Only)

Subsystem: MaxBridge (CRS Compliance Verification)

Release Context: Part of MaxOneOpen v4.1 ecosystem – standalone deployable

Status: CTO-aligned – certified structure

# 1. Purpose

This module provides a structural compliance mapping matrix between CRS capsule fields and common governance, treaty, or legal enforcement requirements. It defines how each data field or structural feature contributes to audit, certification, or treaty recognition.

# 2. Mapping Table

The following CRS capsule elements are directly mapped to compliance domains:

* - `manifest.policyScope` → Treaty alignment, license applicability
* - `meta.audit.json` → Verifiability and signature traceability (audit chain)
* - `anchor.ref` → Fork chain, jurisdictional boundary reference
* - `capsule.class` → System classification: enforceable, simulate, test
* - `validation.path` → Execution decision log for external review

# 3. Policy Verification Links

Capsules are linked to verified policies via `policyRef` and `ruleSig`. These allow external compliance systems (MaxAudit, treaty verifiers) to confirm rule origin and execution rights.

# 4. Jurisdictional Compliance Considerations

CRS capsules declare their applicable jurisdiction via metadata binding. This enables automated alignment with local treaty rules and enforcement codes, reducing review latency.

# 5. Integration with MaxAudit & Governance

All mappings are recognized within MaxAudit IATL format and are automatically relayed in audit capsules. Governance observers may subscribe to mapping traces for live compliance surveillance or retrospective certification.

# 6. Exportable Compliance Map

The full compliance mapping can be exported in machine-readable form (JSON schema) to assist external tools, treaty platforms or compliance monitors in reproducing verification paths.