MaxDeploy v1.0 – Governance, Treaty, and License Binding

This document describes how MaxDeploy enforces governance obligations, treaty-based constraints, and license-compliant deployment behavior. It provides the logic through which deployments are structurally aligned with the legal and governance standards of MaxOneOpen.

# 1. Treaty Binding via policy.ref

All deployments must reference an enforceable policy defined by a recognized treaty or governance authority. This reference is specified in the `policy.ref` field of the deployment manifest and is cryptographically validated against the policy capsule registered in MaxReg.

# 2. License Enforcement

MaxDeploy enforces license compliance by verifying that the deployment intent does not violate the license class restrictions assigned to the system, service, or capsule type. Each deployment is bound to a valid license fingerprint, and unauthorized distributions are automatically blocked.

License controls include:

* - Cross-check with license class registry
* - Signature verification for license grant origin
* - Execution lockdown if class mismatch is detected

# 3. Fork Prevention

Unauthorized forks or uncontrolled replication of deployment capsules are prevented by MaxBridge. MaxDeploy verifies that the deployment source is a recognized, signed origin and that no structural divergence is detected. All capsules include a verifiable `anchor.ref` to their original chain.

# 4. Governance Triggers

If MaxDeploy detects a treaty violation or unauthorized license use, it can trigger enforcement actions, including:

* - Deployment halt and capsule quarantine
* - Audit escalation via MaxAudit
* - Fork alert registration in MaxBridge registry

# 5. Legal Verifiability

Each deployment is accompanied by a verifiable governance capsule that provides a legally structured proof of authority, binding policy, and usage rights. These capsules are versioned and persistently signed to meet legal evidence standards in regulatory, governmental, or corporate environments.