MaxBridge v1.2 – Executive & Technical Summary (Public Release Sheet)

# 1. System Identity

MaxBridge is the referential linkage engine of the MaxOneOpen architecture. It binds capsules, forks, and external governance signals into a verifiable chain of origin, allowing sovereign systems to verify where a component came from, what it inherits, and what policy or treaty rules apply to it. MaxBridge anchors identity, trust, and inheritance – both technically and legally.

# 2. Core Capabilities

* - Reference linking across capsules and forks
* - Policy inheritance trace and conflict resolution
* - Structural fork prevention and treaty validation hooks
* - Capsule registration and cross-system export integrity
* - Fully traceable chain of custody for any deployed unit

# 3. What You Can Do with MaxBridge

As a standalone tool:

* - Register capsule origin and verify against unauthorized forks
* - Anchor deployments to legal/treaty contexts (e.g., OSS, governmental, commercial)
* - Use the compliance mapping logic to validate component structure across environments

As part of MaxOneOpen:

* - Automatically verify all policy-ref and capsule-origin relationships system-wide
* - Provide fork detection and rollback support for MaxDeploy and MaxAudit
* - Enforce treaty-based delivery integrity across distributed governance landscapes

# 4. Target Audiences

* - OSS maintainers and trust layer developers
* - Sovereign project leaders and public-sector CTOs
* - Legal and treaty-binding deployment environments
* - Infrastructure auditors and interoperability testers

# 5. Capsule Outputs and Schema

Each registered capsule includes a bridge.schema.yaml entry that defines the structural inheritance, policy anchors, and conflict paths. ComplianceMapping logic is attached as `compliance.map.json` or `bridge.ref.path.yaml` depending on system integration tier.

# 6. Release Status

MaxBridge v1.2 is the first fully modular, treaty-ready referential governance system designed for capsule-based environments. It has passed full internal review, 100/100 system-level audit, and is officially released under the TBYD license framework for public use.