MaxBridge v1.2 – Supplement: Visual Explainer (Narrative)

Module Title: Text-Based Explainer for CRS Execution Flow

Version: 1.2

Document Type: Supplementary Material (Visual Proxy)

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Subsystem: MaxBridge (CRS Capsule Governance Flow)

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

Status: CTO-aligned – visual explanation converted to structured prose

# 1. Purpose

This document provides a structured, textual explanation of how capsules flow through the MaxBridge CRS governance system. It replaces conventional infographics with precise process narration across system roles.

# 2. Entity Roles

* - \*\*Originator\*\*: Submits capsule or treaty-bound policy structure
* - \*\*MaxBridge\*\*: Receives, wraps and structures capsule
* - \*\*MaxReg\*\*: Applies policies and evaluates rule compatibility
* - \*\*MaxAudit\*\*: Certifies breaches, lineage and conformance
* - \*\*Observer\*\*: Views audit traces, state lineage and execution logs

# 3. Flow Sequence

1. 1. Capsule submitted with manifest, input, and optional anchor.ref
2. 2. MaxBridge wraps, validates format and builds metadata trace
3. 3. MaxReg evaluates policy rules, treaty constraints and license scope
4. 4. If valid, capsule continues to execution; if invalid, redirected to audit
5. 5. MaxAudit traces breach or validates status and forwards to IATL if certified
6. 6. Capsule outcome visible to governance observers

# 4. Decision Path Matrix

Capsule status after each phase is one of: `valid`, `halted`, `breach-signaled`, `pending-audit`, `executed`, `certified`, or `disputed`. Each status corresponds to metadata fields signed into the audit trail.

# 5. Narrative Flow Summary

Imagine a secure gate with five automated guards: each module in MaxBridge is one of them. Only when all checks are passed – and the rules align with treaties and licenses – does the gate open and let the capsule pass. Otherwise, it’s redirected to the audit chamber for inspection, logged forever and optionally escalated.