MPC-05: Cross-System Coordination Capsule

System: MaxProcess

Module ID: MPC-05

Title: Cross-System Coordination Capsule

Version: 1.0

Classification: Federated Capsule Protocol

Responsible: TBYD MaxBridge Coordination Team

License Model: TBYD License v2.2 / Audit Addendum A

Standards Reference: ISO/IEC 15408, TBYD Capsule Protocol v2.1

Applicability: MaxOneOpen v4.1+

# 1. Purpose

This module defines the structure and operational logic of a Cross-System Coordination Capsule. It enables procedural synchronization, delegation, and verification between multiple MaxProcess systems operating across organizational or treaty domains.

# 2. Coordination Use Cases

- Multi-tenant workflow integration  
- Inter-institutional approval chains  
- Treaty-driven escalation and fallback delegation  
- Distributed operational oversight with independent audit scopes

# 3. Capsule Fields

Coordination Capsules include:  
- capsule\_id: global coordination reference  
- linked\_systems: list of remote MaxProcess or treaty participants  
- coordination\_type: ENUM {sync, async, chained, mirrored}  
- transfer\_logic: trigger or step where coordination occurs  
- remote\_role\_ref: externally validated MaxWorkRoles entry  
- verification\_anchor: audit chain verification from peer system  
- trust\_context: treaty reference or token agreement ID

# 4. Execution Model

Coordination Capsules execute as embedded control logic. Upon trigger:  
- a remote capsule is referenced and validated  
- audit linkage is established via MaxBridge  
- success or refusal is imported and acted upon  
- fallback or delay logic is applied if no response or rejection occurs

# 5. CTO Summary

This capsule type enables procedural interoperability between independently governed MaxProcess environments. It supports multilateral governance, treaty-aligned operations, and fully auditable cross-institutional execution chains.