MPC-09: Escalation Capsule Logic

System: MaxProcess

Module ID: MPC-09

Version: 1.0

Title: Escalation Capsule Logic

Classification: Capsule Response Mechanism

Responsible: TBYD Escalation Design Group

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 optional Escalation Capsule type for handling complex procedural bottlenecks and multi-step intervention cases. It enables rule-based redirection to treaty actors, override candidates, or elevated capsule chains.

# 2. Trigger Conditions

- Repeated refusal of a critical capsule (n > 1)  
- Inactive capsule state for defined period (e.g., 48h frozen)  
- Missing fallback or override logic in high-risk capsule chain  
- Manual governance flag for escalation injection

# 3. Escalation Capsule Fields

- capsule\_id: ESC-YYYY-XXX-ZZZ  
- escalation\_type: ENUM { treaty, manual, governance-policy }  
- target\_actor: assigned treaty or override reference capsule  
- response\_requirement: ENUM { acknowledge, execute, replace }  
- trace\_link: anchor to frozen or conflict capsule  
- escalation\_reason: free-text + treaty clause reference

# 4. Execution Result

- Capsule state is changed to 'escalated'  
- Target actor is authorized to act with delegated override rights  
- Escalation is fully auditable via MaxAudit trace structure  
- Optional rollback or re-routing path can be embedded

# 5. CTO Summary

Escalation Capsules offer a policy-bound, traceable method to unlock frozen capsule chains without breaking governance or treaty compliance. They formalize structured recovery logic while maintaining capsule integrity and procedural trust.