MPC-08: Runtime Integration Specification

System: MaxProcess

Module ID: MPC-08

Version: 1.0

Title: Runtime Integration Specification

Classification: Integration Reference

Responsible: TBYD DevOps & Execution Governance Unit

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 provides a declarative specification of runtime integration points for MaxProcess. It ensures ProcessCapsules can interoperate with external execution environments without compromising capsule-based governance or audit integrity.

# 2. Integration Interfaces

MaxProcess supports reference-only, non-executing linkage to external systems:  
- SCIM (for MaxWorkRoles role provisioning)  
- SAML / OIDC (user federation and role mapping)  
- CI/CD pipelines (triggered via Bridge Capsule)  
- Container orchestrators (via declarative linkage, no embedded control)  
- External dashboards (visualize capsule states via MaxAudit export)

# 3. Execution Responsibility

MaxProcess does not execute processes. It defines responsibility, traceability, and override logic. Execution must occur in external systems via capsule-triggered reference links, e.g.:  
- bridge:// or trace:// links  
- signed API calls with role validation  
- override-confirmed workflows linked to treaty clause validation

# 4. Sample Integration Field

integration\_reference: bridge://ci-pipeline/appX/deploy  
execution\_mode: declarative  
governance\_scope: treaty://core-ops-policy-01  
audit\_mode: trace

# 5. CTO Summary

This module confirms that MaxProcess can structurally interface with DevOps, IAM, and runtime systems without inheriting their risks or control paths. Execution is referenced, not embedded.