MaxProcess – System Summary

System: MaxProcess

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Responsible: TBYD Architectural Team / Process Capsule Group

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Standards Reference: ISO/IEC 15408, AIM v1.0, TBYD Capsule Protocol v2.1

Applicability: MaxOneOpen v4.1+

# 1. Purpose and Scope

MaxProcess is the sovereign process execution subsystem of MaxOneOpen. It introduces a new form of runtime-validated, capsule-bound workflow execution that is audit-traceable, treaty-aware, and architecturally detached from conventional process engines. MaxProcess does not execute code – it governs the structural, auditable flow of authority and process decisions. Every process step is formalized as a signed, runtime-verifiable capsule with full rollback and refusal logic, governed by role, policy, and treaty contexts.  
  
The system provides a structural alternative to traditional business process management (BPM), workflow suites, or runtime schedulers. It prioritizes procedural auditability, actor accountability, and formal treaty control in digitally sovereign environments. MaxProcess enables OSS, institutions, or cross-party federations to define and enforce process logic that is fully observable, revocable, and policy-conform — without relying on hidden execution paths or commercial orchestration platforms.