# CTO Export Report – MaxOneOpen v4.1 (TBYD Final Capsule Set)

Classification: Internal / TBYD-Certified Reference Record  
Purpose: Verifies full 100/100 compliance including the complete final module set and capsule-governed add-on matrix.

**1. Purpose of This Document**

This report certifies the structural, operational, and strategic completeness of MaxOneOpen v4.1 based on the TBYD 100/100 compliance standard. It includes all CTO-relevant modules and integration components, validated for capsule logic, audit readiness, governance enforcement, and deployment resilience.

**2. CTO-Critical Modules (Complete Set: Modules 1–27)**

- Modules 01–22: Simulation, ledger, audit, governance, license, UI overlay, and federation logic.

- Module 23 – Privacy & Sovereign Data Control Capsule

- Module 24 – Operational Deployment & CI/CD Capsule

- Module 25 – Fork Arbitration & Governance Escalation Capsule

- Module 26 – Migration & Transition Planning Capsule

- Module 27 – Predictive Governance & AI Capsule

**3. Certification Basis (TBYD Enforcement Model)**

- Capsule auditability: All flows traceable, reversible, and structurally logged.

- Runtime compliance: Privacy, license, rollback, AI controls, and capsule simulation verified.

- Operational control: CI/CD gates, deployment snapshots, rollback recovery enabled.

- Sovereign governance: Forks and deviations structurally locked and quorum-auditable.

**4. Add-on Declaration Logic**

All MaxOneOpen add-ons follow capsule logic but are not required for runtime certification. They enhance system functionality in specific domains (e.g., audit, compatibility, usability), but the core 100/100 compliance is fully achieved without any of them.

## Appendix A – Capsule-Governed Add-on Compatibility Matrix (TBYD)

The following table documents all officially declared MaxOneOpen add-ons. Each follows capsule logic and is structurally decoupled from core runtime compliance. They are optional and auditable by design.

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| --- | --- | --- | --- |
| Module | Functional Layer | Status | Core Benefit for Open Source |
| MaxAudit | Governance | Live | Verifiable rule auditing & public trust signals |
| MaxReg | Governance | Live | Declarative rule profiles & cross-project comparability |
| MaxTune | Governance | Live | Technical consistency and system integrity verification |
| SDG | Governance | Live | Structural ethical/legal bounding layer |
| MaxSuite | Application Integration | Planned | Controlled OSS app containerization (LibreOffice, Jitsi) |
| MaxWorkRoles | Execution Logic | Planned | Role- and rights-based access & workflow delegation |
| MaxProcess | Organizational Logic | Planned | Forms, approvals, flow control |
| MaxBridge | Compatibility Layer | Planned | Proxy for non-sovereign systems (e.g. M365, Zoom) |
| MaxGovernance | Structural Trust Control | Planned | Fork tracking, license enforcement, origin auditability |
| MaxUXSuite | Usability Framework | Planned | Standardized UI/UX layer for OSS clarity and adoption |
| MaxJudicial | Legal Visibility Layer | Planned | Court-compatible audit proofs & legal reference points |
| MaxDeploy | Operational Rollout | Planned | Reproducible, secure deployments across infrastructures |

## CTO Compliance Confirmation – TBYD

This document confirms that MaxOneOpen v4.1 has been reviewed, validated, and certified under the TBYD 100/100 compliance model. All runtime-critical modules, audit paths, governance capsules, and migration flows are present and enforceable. Optional add-ons are transparently declared and structurally capsule-bound.  
  
Certified by: Designated CTO Reviewer  
Status: ✅ Approved  
Scope: Full Runtime Architecture, Modules 1–27 + Add-on Declaration Layer