

PortusSophia™ Compliance Matrix

This document summarizes how PortusSophia™ aligns with major engineering and AI governance standards.

Compliance Overview

Standard	Requirement	PortusSophia™ Artifact	Alignment
IEEE 1012	Verification & Validation	going-live/README.md; stewardship trail	Aligned
IEEE 26514	Documentation Structure	0-context.md; 1-canon-post.md; 2-public-appendix.md	Aligned
IEEE 829/29119	Process & Traceability	5-iteration-history/; 4-steward-responses/	Aligned
NIST AI RMF	Governance & Oversight	Agent roles; governance model	Aligned
NIST AI RMF	Transparency	Funding Capsule; Standards Review	Aligned
NIST AI RMF	Risk	Draco Risk Register	Aligned
ISO 9001	Quality Management	Stewardship model; sealing protocol	Aligned
ISO 27001	Integrity & Access Control	Git workflow; version integrity	Aligned
ISO/IEC 42001	AI Management System	Governance architecture	Strong Alignment

All standards reviewed showed no conflicts with existing documentation.