

ISO/IEC 42001 vs prEN 18286

Key Differences in AI Governance Frameworks

 Feature	 ISO/IEC 42001	 prEN 18286
Primary Purpose 	A voluntary, universal Artificial Intelligence Management System (AIMS) framework.	A Quality Management System (QMS) strictly for EU AI Act compliance and regulatory audits.
Core Focus 	Organization-wide policies and governance.	Product-level conformity and management of AI system through its entire lifecycle (per specific High-Risk AI System).
Legal Status 	Voluntary international standard.	Upon final publication, it serves as a harmonized standard providing presumption of conformity in the EU.

ISO/IEC 42001 vs prEN 18286

Key Differences in AI Governance Frameworks

 Feature	 ISO/IEC 42001	 prEN 18286
Risk Management Approach ⚠️	Broadly evaluates organizational AI opportunities and risks.	Deep focus on human-impact risks and protecting fundamental rights.
Key Regulatory Specifics 📋	No direct focus on specific EU legislation or statutory requirements.	Explicitly maps to the 13 statutory elements of Article 17 of the EU AI Act .
Specific Operational Mandates 🔧	No explicit legal requirements for post-market monitoring or incident reporting.	Mandates rigorous serious incident reporting (Article 73 of the EU AI Act) and post-market monitoring .

szilviasandberg.com

Don't miss out on the latest updates on AI, technology, and compliance.

[Follow me on LinkedIn!](#)