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Risk Management Plan — Integration Test System

Based on ISO/IEC 42001 clause 6.1 and Annex C.

Organization: Test Company
System: Integration Test System
Domain: testing
AI Act Classification: minimal
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1. Purpose

Identify, analyse, evaluate and treat risks related to AI systems operated by Test Company.

2. Scope

All AI systems operated by Test Company, including the Integration Test System system, pilots and third-party models.

3. Methodology

- ISO 31000 principles (Identify → Analyse → Evaluate → Treat → Monitor).
- Risk register maintained in this document; update after incidents or significant model changes.

4. Roles and Responsibilities

Role	Responsibility
AI Governance Lead	Maintains the risk register; reports to top management.
System Owner	Identifies operational risks; owns mitigation actions.
Compliance Officer	Aligns risks with legal/ethical requirements.

5. Risk Register (example rows)

ID	Risk	Likelihood	Impact	Level	Mitigation	Owner	Status
R-001	Bias in training data	M	H	High	Fairness metrics, re-sampling, threshold review	ML Lead	Open
R-002	Data leakage	L	H	Med	DLP controls, access review, secrets scanning	Data Steward	Mitigated
R-003	Model drift	M	H	High	Weekly PSI checks, retrain triggers, rollback	MLOps	Ongoing

6. Monitoring & Review

Quarterly review or after incidents; metrics: open risks, MTTR, residual risk trend.

7. References

ISO/IEC 42001 §6.1; ISO/IEC 23894; EU AI Act Annex IV §6.