AI Risk & Governance Assessments

Evaluating risks and frameworks for responsible A

AGENDA

- Introductions
- The Foundation of Information Governance in AI Success
- Conducting a Standards-Aligned AI Maturity Assessment
- Executing a Comprehensive AI Risk Assessment
- Assessing Standards-Based AI Governance Readiness
- Wrap Up

PANELISTS

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INFORMATION GOVERNANCE FOUNDATIONS

FOUNDATIONS OF AI ENABLEMENT

1. Foundation for Reliable, Responsible AI
Information governance (IG) ensures data accuracy, ethical use, and compliance—establishing the foundation for trustworthy AI systems.

2. Data Quality, Security & Compliance
Strong IG guarantees high-quality, secure, and compliant data management—improving AI performance and maintaining trust.

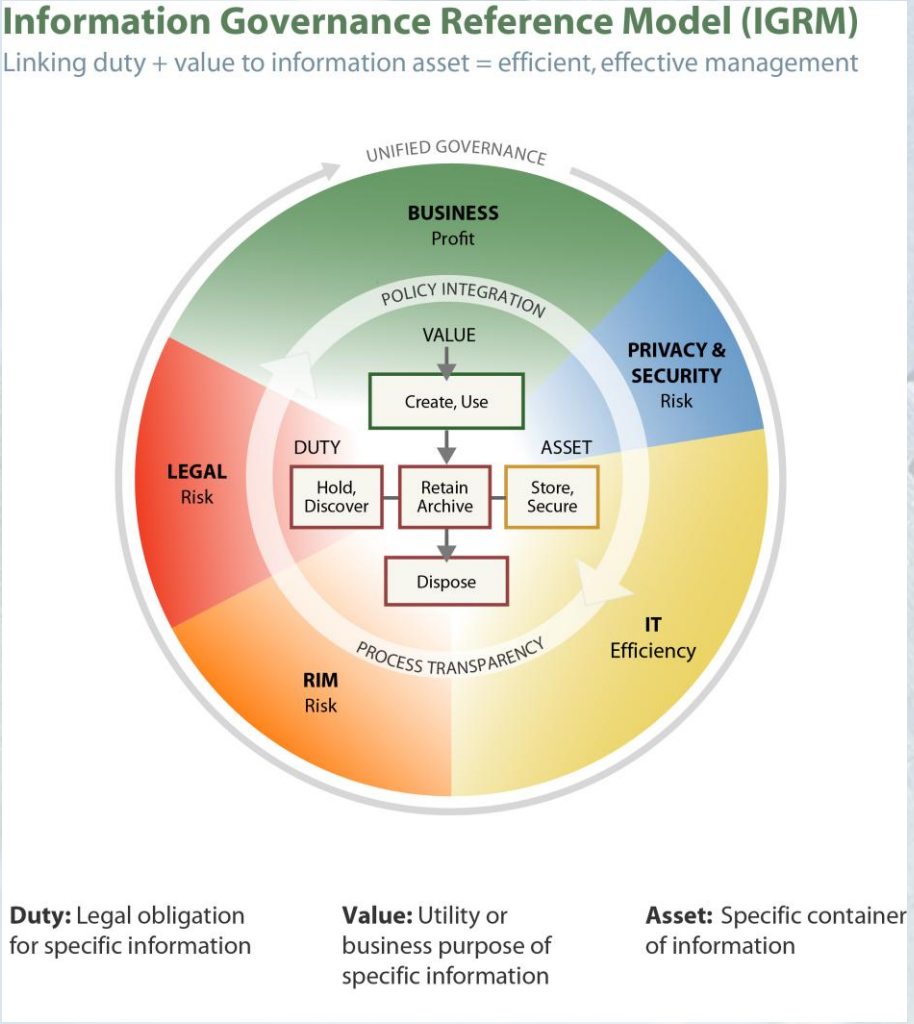
3. Ethical & Transparent AI Deployment
Governance frameworks prevent misuse, promote fairness, and foster transparency and accountability in AI decision-making.

4. Risk & Maturity Management
Governance mitigates AI bias, data leakage, and compliance failures while aligning risk management with AI maturity and sustainability goals.

5. Business Value & ROI
Integrating information governance and AI governance with business objectives maximizes return on AI investments through accountability, trust, and continuous improvement.

AI MATURITY ASSESSMENT

INFORMATION GOVERNANCE REFERENCE MODEL (IGRM)



Information Governance Reference Model/© 2012/v3.0/.net

FRAMEWORK TO MEASURE AI GOVERNANCE MATURITY

- **IGRM-Based Foundations**
  Structured frameworks like IGRM help assess and improve organizational maturity in data and AI governance, ensuring alignment with ethical, regulatory, and business standards.
- **Comprehensive Evaluation**
  Governance assessments span data stewardship, compliance, risk, and AI integration—enabling a holistic view of performance and accountability.
- **Lifecycle Alignment**
  Mapping governance domains to AI lifecycle stages (development, deployment, monitoring) ensures oversight, transparency, and responsible operations across every phase.
- **Assessment Process**
  Governance maturity is evaluated through document review, stakeholder interviews, and roadmap creation to close gaps and guide continuous improvement.
- **Strategic Outcomes**
  A structured, lifecycle-aware governance model supports informed decision-making, risk reduction, and long-term AI sustainability.

AI RISK ASSESSMENT

AI RISK FRAMEWORKS AND ASSESSMENT OVERVIEW

NIST AI Risk Framework

Integrates ethical and technical principles of risk evaluation.

IEEE P7000 Standard

Focuses on ethical design and deployment practices

Combined Approach

Merges NIST and IEEE for tallored, organization-specific risk analysis

Initiation

Define scope and objectives

Risk Identification

Detect potential threats

Risk Evaluation

Assess likelihood and impact

Reporting

Summarize findings to decision-making

Key AI / Risk Domains

Prevent unintended consequences

Explainability Challenges

Improve understanding of model

AI GOVERNANCE READINESS ASSESSMENT

APPROACH FOR AN AI READINESS ASSESSMENT

Structured AI Management

• ISO/IEC 42001 offers a framework for effective and responsible AI system management.

• Readiness Assessment – Identifies governance gaps and ensures regulatory compliance.

• Complementary Standards – Provide guidelines and best practices to enhance AI governance.

• Operational Excellence – Supports operational excellence and prepares for certification audits.

Execution Strategies

• Documented Evidence Review – Confirms compliance with governance standards.

• Interviews with Key Personnel – Provides insights into operating practices and control effectiveness.

• Lifecycle Control Verification – Ensures consistent governance application across AI lifecycle stages.

Deliverables and Remediation Planning

• Non-Conformity Documentation – Identifies gaps where governance practices do not meet required standards.

• Remediation Planning – Outlines actions to address non-conformities and strengthen governance.

• Certification and Audit Preparation – Improves compliance and ensures readiness for audits.

CONCLUSION AND Q&A

SUMMARY OF KEY TAKEAWAYS

- **1. Structured Governance Approach**
  A standards-based framework ensures consistency in managing AI maturity, risk, and readiness.
- **2. Comprehensive Assessments**
  Thorough evaluations against recognized benchmarks build AI trustworthiness and value.
- **3. Effective Execution Strategies**
  Clear principles and proven methodologies drive successful AI governance implementation.

Q&A

Questions?

Slides will be available post conference

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Thank you for attending!

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