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Chapter Meeting

Topic: Security & Risk Management

Date: 17th April 2026

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Agenda

1. About us
2. Why to discuss Security & Risk Management?
3. Security & Risk Management in Vietnam regulations
4. Security & Risk Management in practices
5. Q&A and community updates

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About us

- Founded since 2021
- ISC2 Vietnam is a non-profit community member of ISC2 the internationally recognized cybersecurity standards, education, and certification authority.
- We aim to advance and promote the greater Vietnam ecosystem of Cyber and Information System Security Professionals.

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Our History

Change from ISC2 HCMC Chapter to ISC2 Vietnam Chapter — **April 21st, 2025**

Vietnam Legal Entity Registration — **July, 2022**

Official Chapter Recognition — **June, 2022**

Creation of the HCMC Chapter — **October, 2021**

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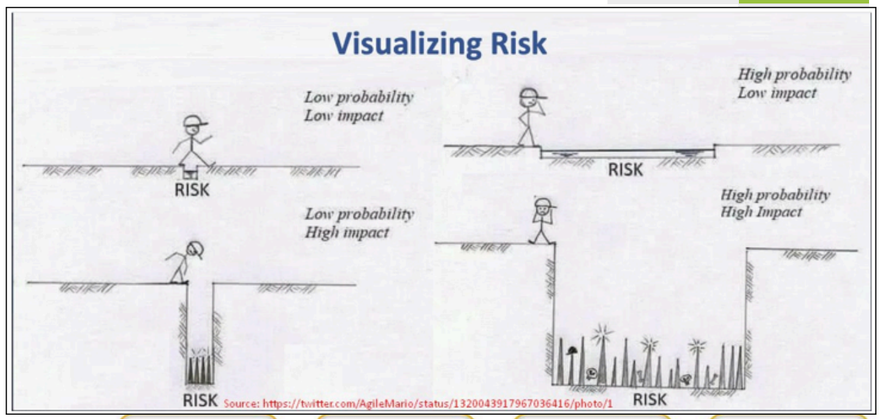
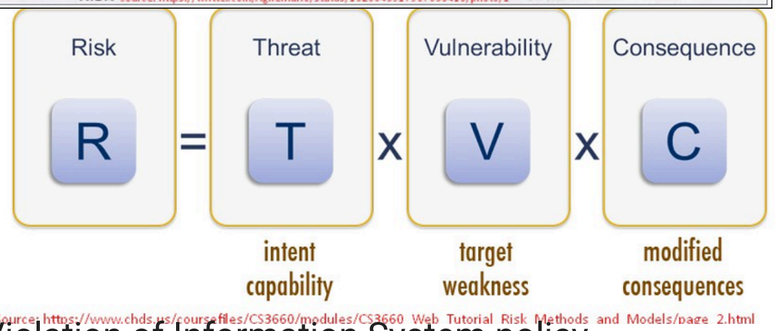
Why to discuss Security & Risk Management?

1. **What is Risk?**

- ISO 31000 – “The effect of uncertainty upon an organisation’s ability to meet its objectives.”
- NIST SP 800-30 – “…a function of the likelihood of a given threat-source’s exercising a particular potential vulnerability, and the resulting impact of that adverse event on the organization.”





2. What are components of a risk?

- THREAT - The person/trigger that we are concerned about occurring (Threat/Threat actor)
- VULNERABILITY - The weakness or path through which the risk could occur
- CONSEQUENCE - A consequence is a damage that occurs because the threat took advantage of the vulnerability

Threats

- Human threats
- Environmental threats
- Technical and operational threats
- Cyber Threats

Vulnerabilities

- Hardware, software, or Network equipment and facilities.
- Business operations and service delivery.
- Physical environment.
- Personnel, management, and administrative procedures and controls of security controls.
- Violation of Information System policy
- Lack of Security Assessment
- Lack of Awareness session for employees
- Systems vulnerability
- Lack of configuration standards
- Lack of top management support

Source: https://www.experts-exchange.com/articles/35333/RISK-ASSESSMENT-METHODOLOGY.html

Why to discuss Security & Risk Management?

The threat landscape is continuously evolving, driven by emerging technologies such as AI and shifting geopolitical dynamics - both of which significantly influence cybersecurity risks, attack sophistication, and regulatory requirements.

Without risk management, security becomes a cost center driven by fear and tools - rather than a strategic function focused on protecting what truly matters to the business.

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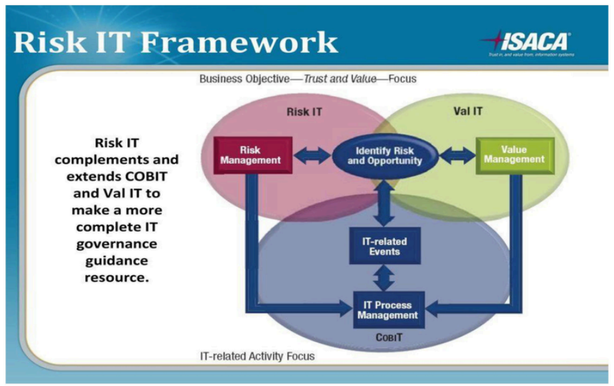
Security & Risk Management in frameworks and standards

Frameworks and Standards provides the guildance for organization in implementing security & risk management. There is no universal framework - organizations must tailor their approach based on business objective, their maturity, industry demands, and risk appetite.

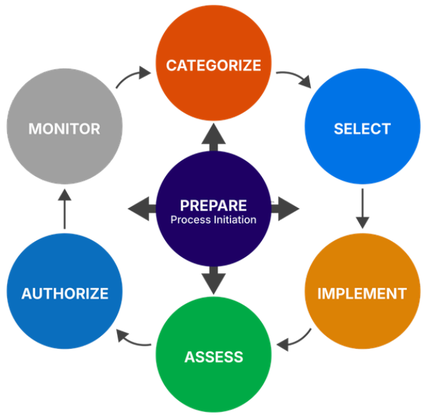
Popular Framework & Standards

ISACA Risk IT Framework



ISO 27001 & ISO 27005

NIST - 800-37



PCI DSS

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Security & Risk Management in Vietnam regulations

Legal Document	Effective date	Article
Data Law No 60/2024/QH15	01/07/2025	5,15,22,25,27.
Cybersecurity Law No.116/2025/QH15	01/07/2026	All Articles
Law on Artificial Intelligence No 134/2025/QH15	01/03/2026	9, 10,12,13,14,15
Law on Digital technology Industry No 71/2025/QH15	01/07/2025	10, 25, 34, 41, 43, 45
Personal Data protection Law No 91/2025/QH15	01/01/2026	3, 12, 5,18, 19, 20,30,21,22, 25, 26, 27, 29, 30 31

All laws related to information technology has components of security & risk management. These requirements are mandatory for all IT system and data featured system.

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Security & Risk Management in practice

From Reality → Lessons Learned → Future Challenges

- Why security fails despite investments?
- What actually reduces risk?
- How Cloud & AI change the game?

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Security & Risk Management in practice

Reality: Security Still Fails — Even in Mature Organizations

- Tools are deployed
- Frameworks are adopted
- Policies are defined

Insight & Takeaway: The problem is not capability
→ It is **lack of clarity in risk & execution discipline**

Security & Risk Management in practice

Issue #1: Invisible Risk

The Problem

- You don’t know what truly matters
- Critical assets are not clearly defined

The Reality

- Full visibility is an illusion
- Asset inventory is always incomplete

What Works

- Define and protect **Crown Jewels first**
- Prioritize:
  - Critical systems
  - Sensitive data

Insight & Takeaway: You don’t manage all risks
→ You manage the **risks that can break the business**

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Security & Risk Management in practice

Issue #2: Unknown Risk

The Problem

- Threats evolve faster than controls
- Unknown attack paths remain unaddressed

The Reality

- Risk assessment is often outdated
- Organizations react, not anticipate

What Works

- Treat incidents as intelligence
- Build feedback loops:
  - Detect → Learn → Adapt

Insight & Takeaway: Risk management is not periodic
→ It is a **continuous learning system**

Security & Risk Management in practice

Issue #3: Compliance ≠ Security

The Problem

- Passing audits but still getting breached

The Reality

- Compliance creates a false sense of security
- Controls exist without real effectiveness

What Works

- Tie every control to a **real risk scenario**
- Focus on fundamentals

Insight & Takeaway: Compliance is necessary
→ But only valuable if it **reduces real-world risk**

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Security & Risk Management in practice

Issue #4: Execution Gap

The Problem

- Policies exist, but are not enforced
- Controls are implemented, but not effective

The Reality

- Security fails in day-to-day operations
- Ownership is unclear

What Works

- Automate wherever possible
- Assign clear accountability
- Continuously verify control effectiveness

Insight & Takeaway: Strategy doesn’t fail
→ Execution does

Security & Risk Management in practice

Future Challenge: Cloud & AI - A Fundamental Shift

What Changed

- Assets → Dynamic & ephemeral
- Risk → Rapidly evolving
- Control → Distributed

New Reality

- Identity is the new perimeter
- Data is the new attack surface

Insight & Takeaway: Traditional risk models break in modern environments
→ Risk management must become **adaptive & continuous**

Security & Risk Management in practice

Future Challenge: Emerging Risk Patterns

1. Loss of Visibility

- Multi-cloud, SaaS, shadow IT
  → Shift to **identity-centric security**

2. Data & AI Risk

- Uncontrolled data usage
- AI amplifies exposure
  → Require **data governance & control**

3. Speed vs Security

- DevOps & AI outpace security
  → Require:
- Automation & ZTNA
- Security embedded in pipelines

Insight & Takeaway: Security must move at the speed of the business
→ or it becomes irrelevant

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Security & Risk Management in practice - Takeaways

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Q&A

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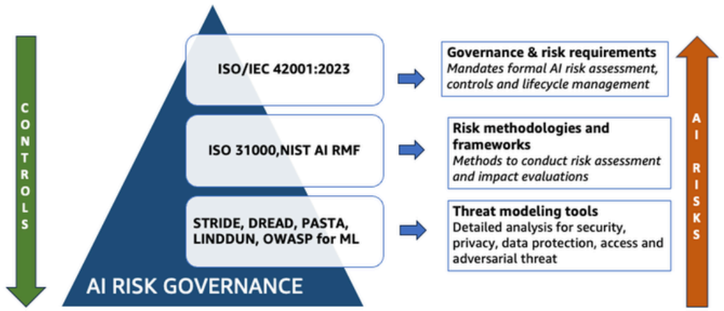
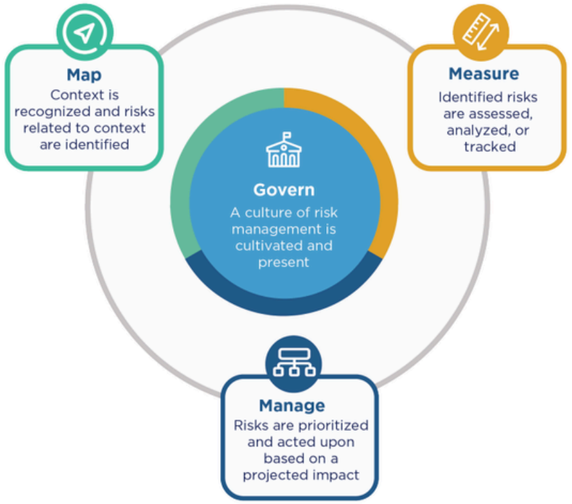
Security & Risk Management to adapt AI evolutions

AI Risk management operates from AI Risk Goverance to the detail frameworks and operations.

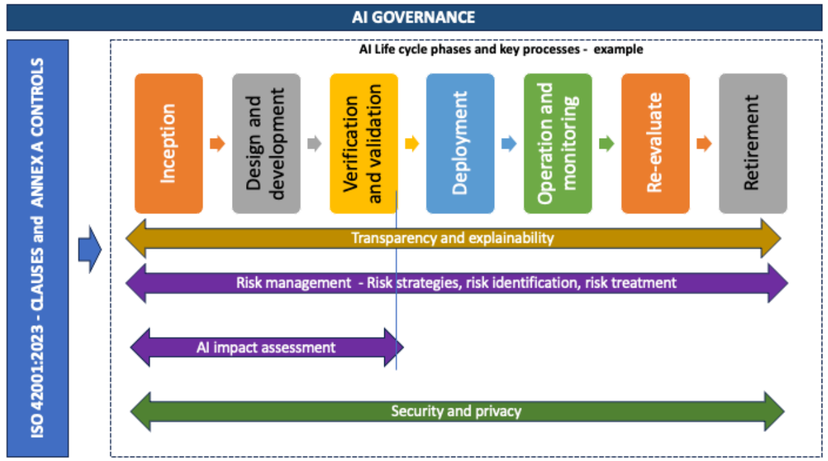
AI Risk Governance



NIST AI 100-1 AI



ISO/IEC 42001:2023



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Thank You

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