



The of not having administrative control



RISK

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Deputy Managing Director, T-NET IT Solution

SysAdmin Day
Live in Vientiane
(Fri) July 26
2024



26 July 2024

Speaker



Mr. Angkarn Pummarin
Deputy Managing Director

Certification

- ICDL Data Protection
- EC-Council Associate C|CISO
- (ISC)² Certified in Cybersecurity Certification
- ITS Cybersecurity
- Microsoft Certified Trainer
- CQI and IRCA Certified BCMS ISO 22301:2019 Lead Auditor
- CQI and IRCA Certified ISO/IEC 20000-1:2018 Lead Auditor
- CQI and IRCA Certified ISO/IEC 27001:2022 Lead Auditor
- CompTIA Project+
- CompTIA Security Analytics Professional
- Cyber Security Foundation Professional Certificate

Etc...



About us

T-NET IT Solution Company Limited was established in Thailand and registered in Thailand on October 3, 2019 by a team of researchers and practitioners specializing in computer security in Thailand (Thai Computer Emergency Response Team, ThaiCERT).

“We are proud to provide All-encompassing cybersecurity services which complies with information security management standards”

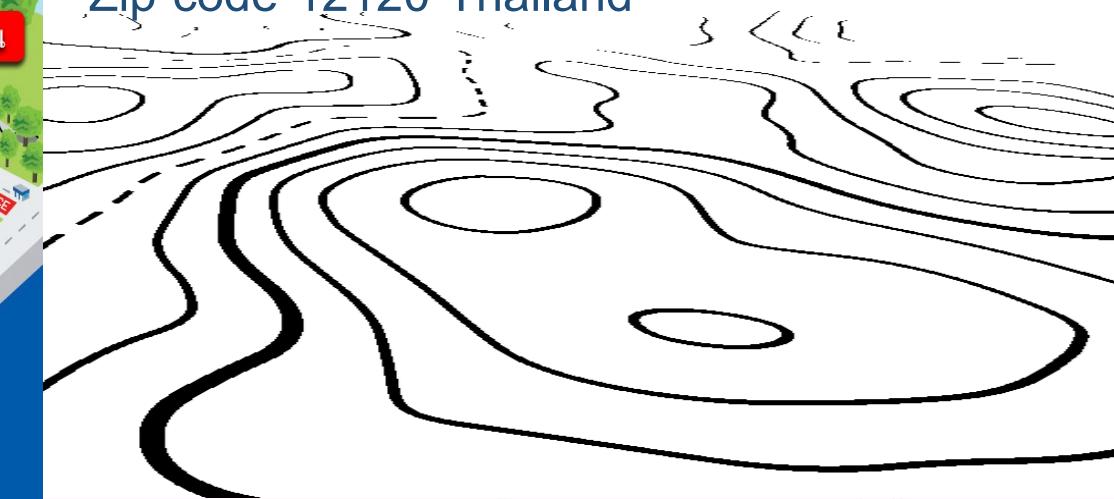


Location



T-NET IT SOLUTION Co., Ltd.

131 Moo 9, Thailand Science Park,
 Phaholyothin Road, Khlong Nueng Subdistrict,
 Khlong Luang District, Pathum Thani Province
 Zip code 12120 Thailand



Our Business

**“Provide All-encompassing Cybersecurity”
services**



Company Services



Our Certification





Administrative controls

Starting point



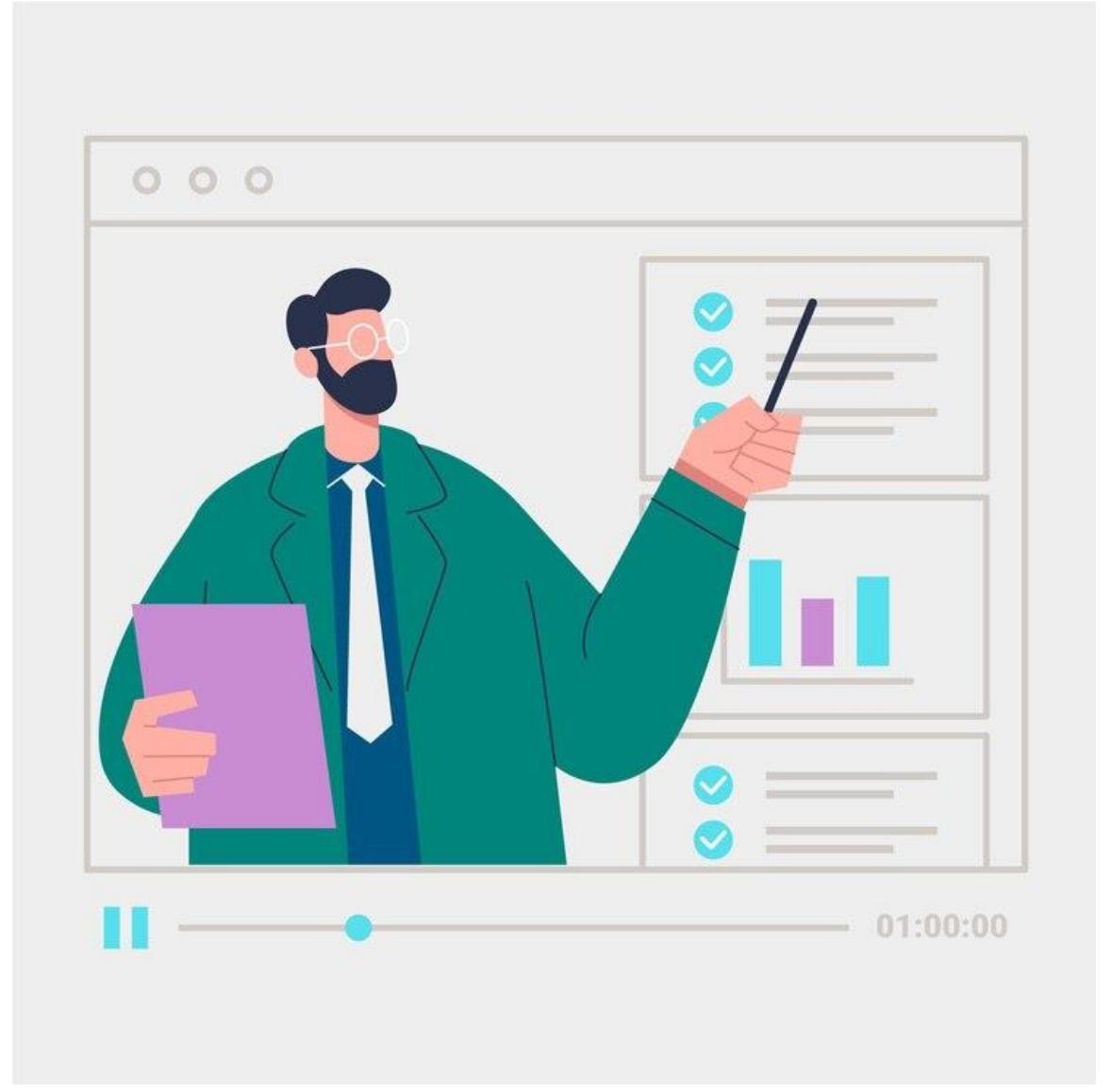
2013

14 Domains, 114 Controls



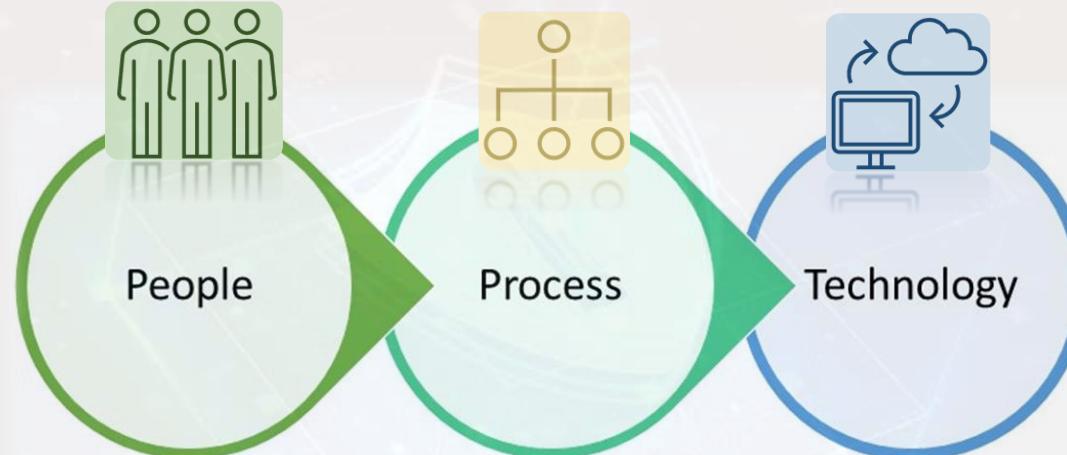
2022

4 Domains, 93 Controls



Basis

CIA Triad



Information security, cybersecurity and privacy protection
— **Information security management systems**

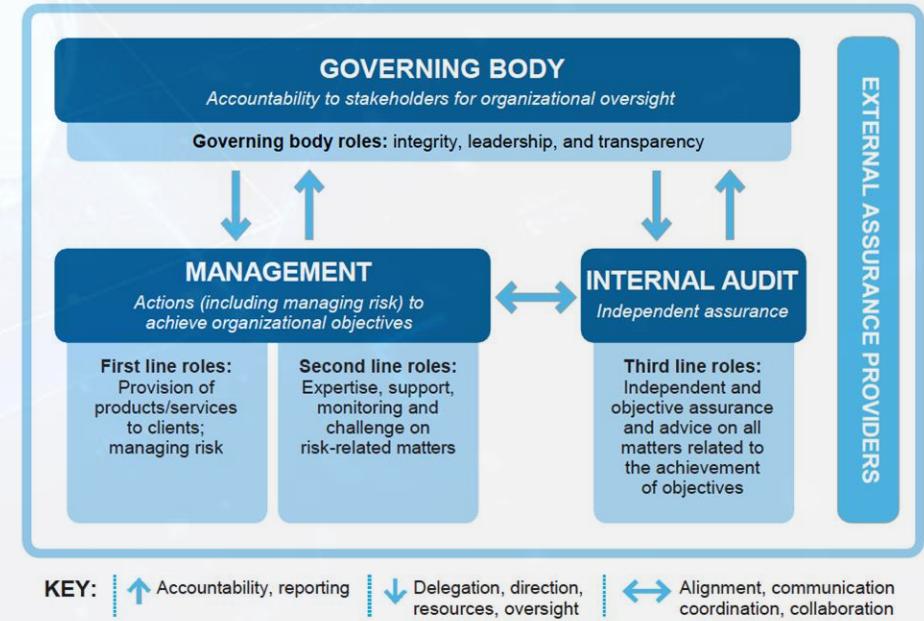


IIA Model

The Three Lines of Defense Model



The IIA's Three Lines Model



Risk

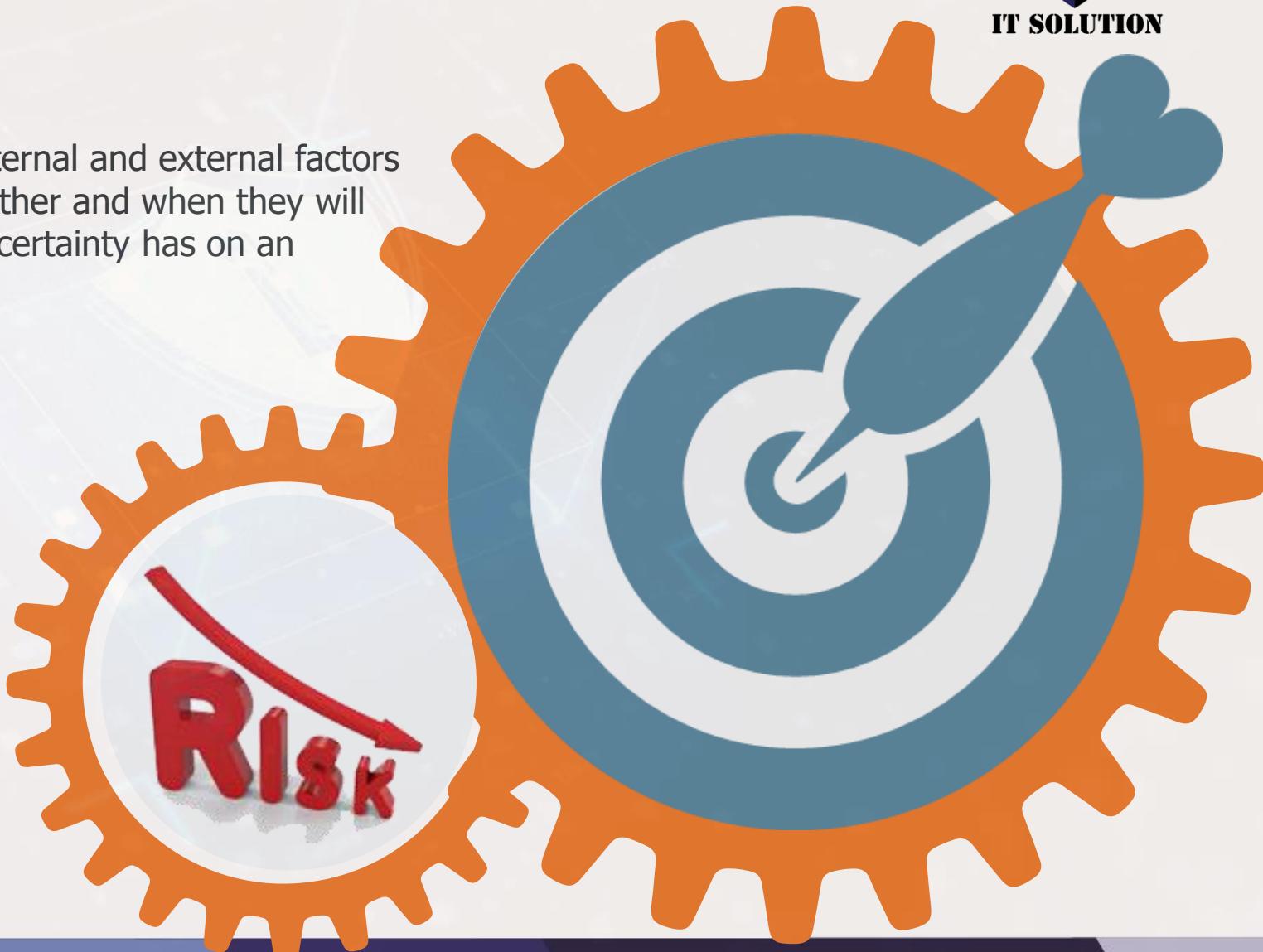


What's risk

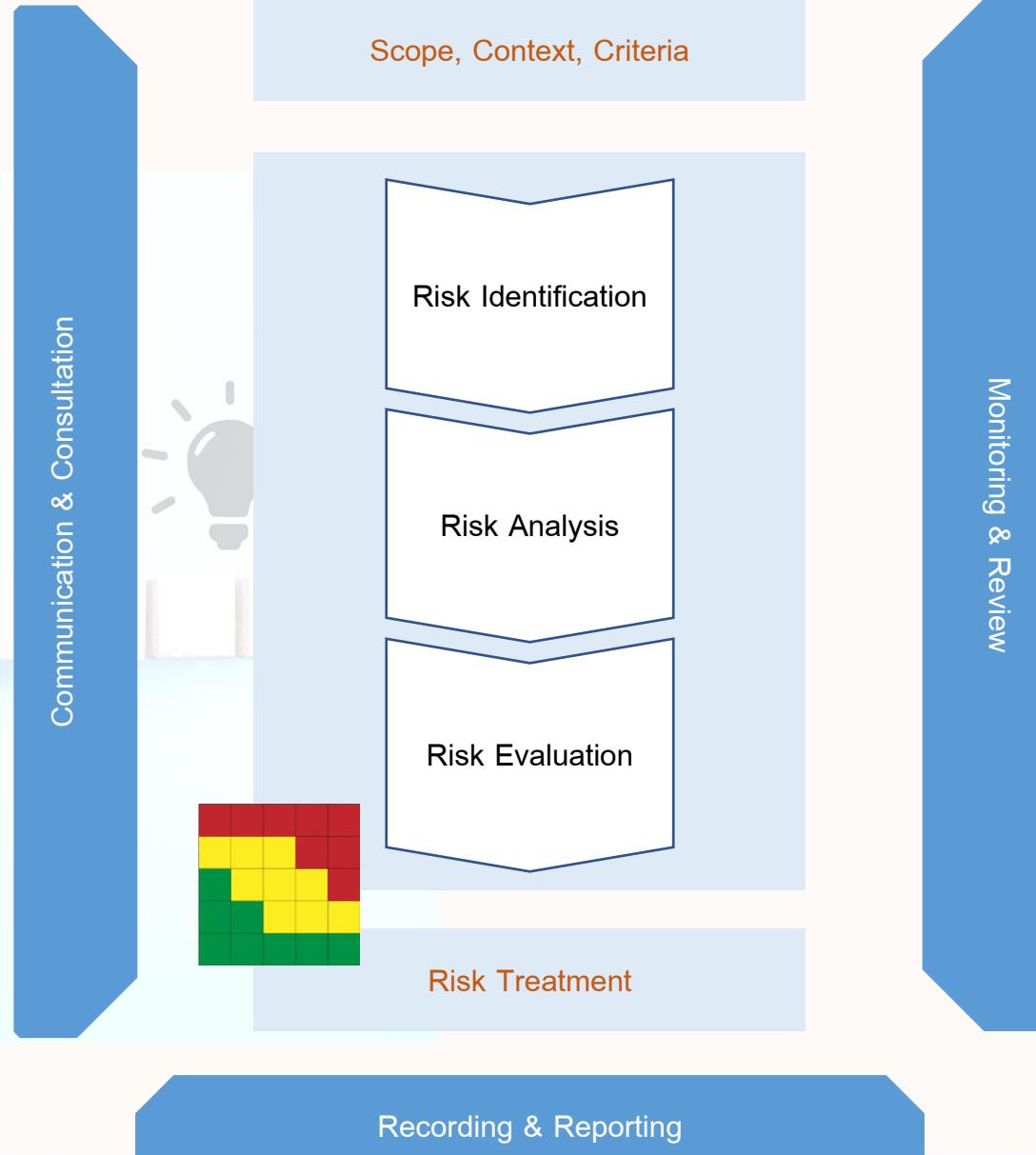
Introduction

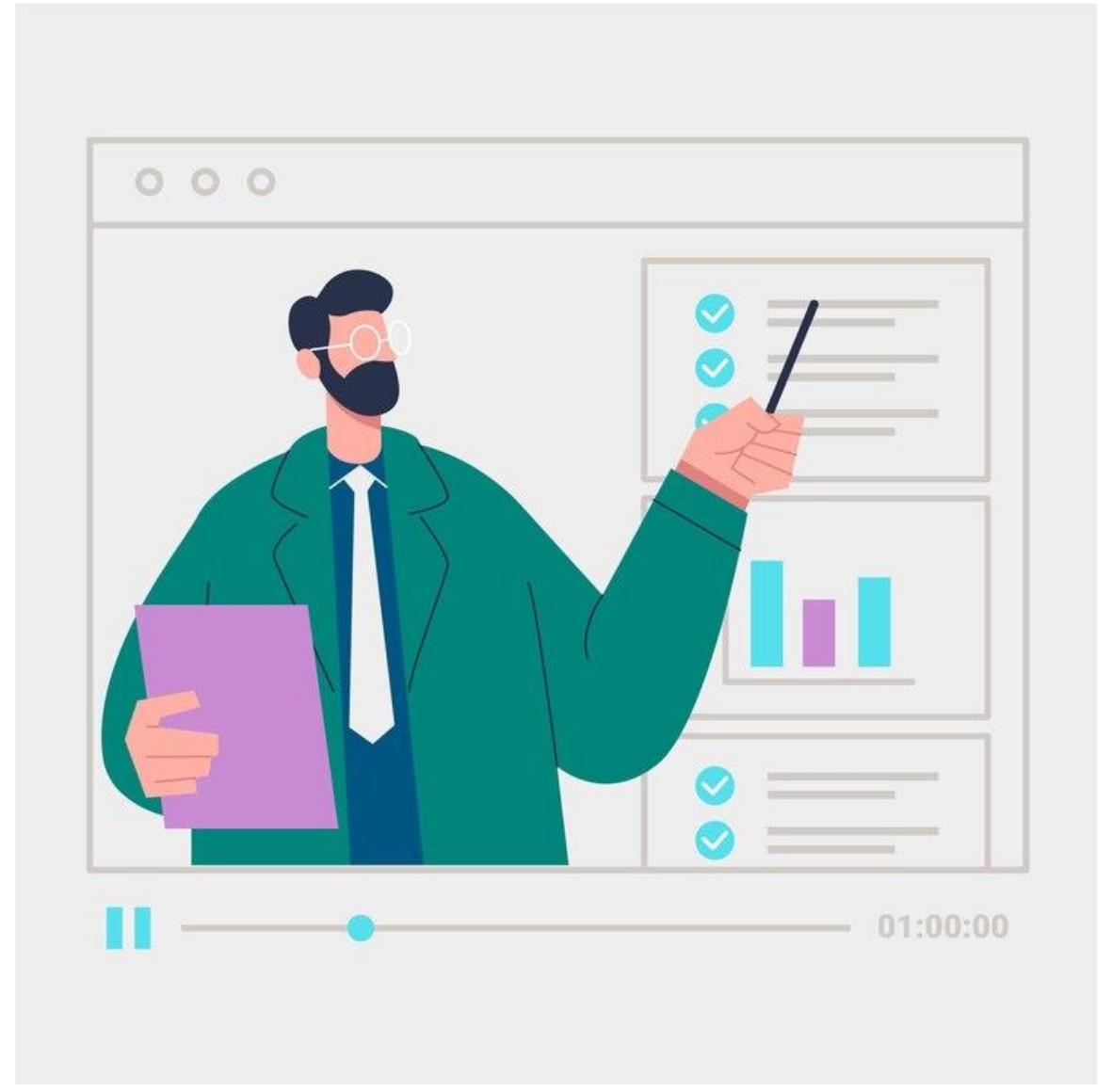
Organization of all types and sizes face internal and external factors and influences that make it uncertain whether and when they will achieve their objectives. the effect this uncertainty has on an organization's objectives is "risk"

- ✓ Involves uncertainty
- ✓ Something **BAD** Happening
- ✓ Given the **Opportunities**



Risk process





Details

ISMS domains



2022

4 Domains, 93 Controls

- **People**

if they concern individual people

- **Physical**

if they concern physical objects

- **Technical**

if they concern technology

otherwise they are categorized as organizational.

- **Organizational**

Documented



EXAMPLE

EXAMPLE

- Acceptable use of information and other associated assets
- Response to information security incidents
- Legal, statutory, regulatory and contractual requirements

Remark: documented in Annex A (exclusion clause 4-10)

Documented



EXAMPLE

EXAMPLE

- Documented operating procedures
- Confidentiality or non-disclosure agreements
- Secure system architecture and engineering principles

Remark: documented in Annex A (exclusion clause 4-10)

Why do we need to do documentation?

- 1) Don't remember a process
- 2) Cuts down duplicative work
- 3) Keep evidence
- 4) Show the performance

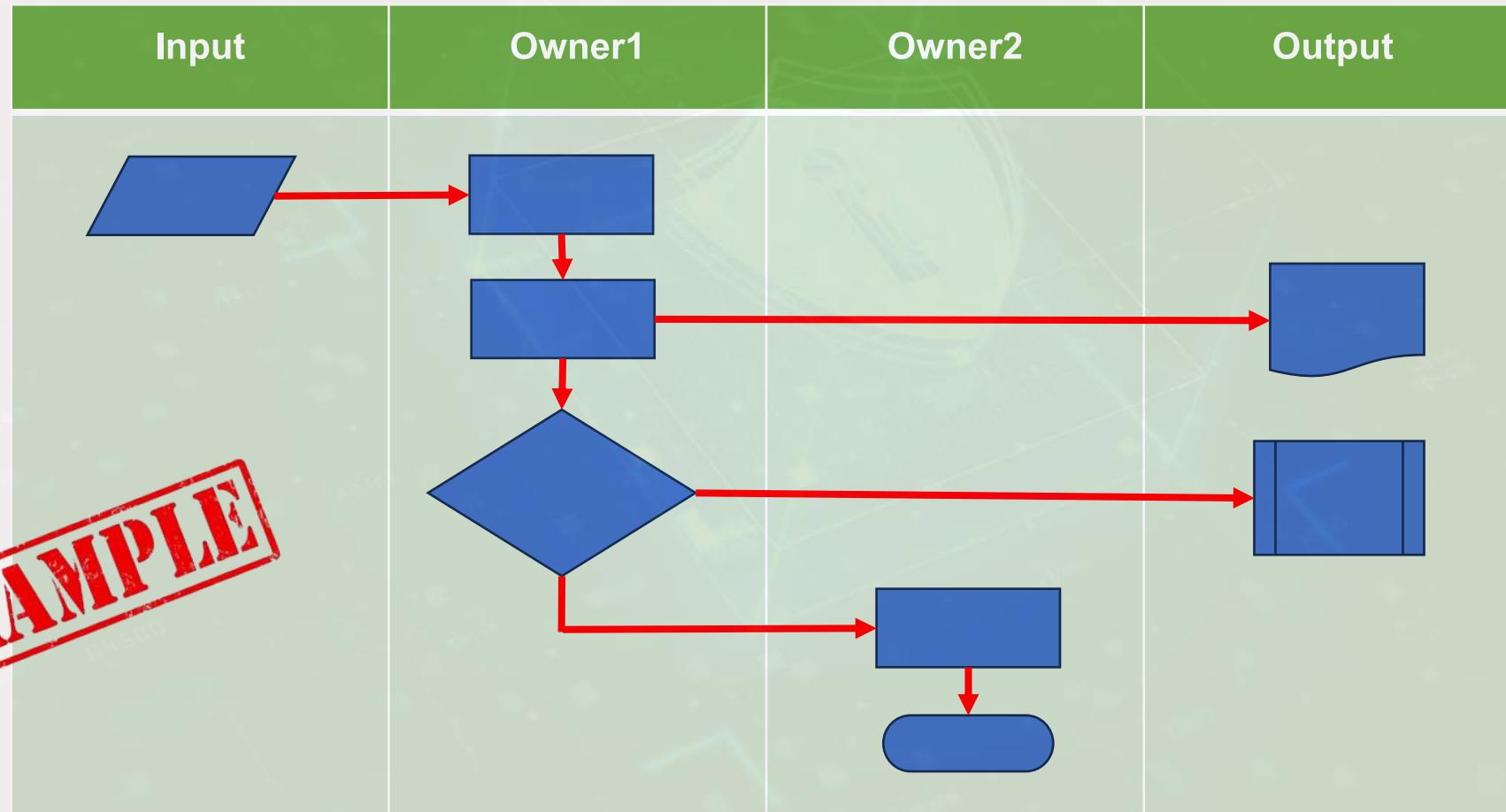


Process

A good process

- Input
- Activity
- Manage
- Result
- Output

Process



Risk scenario

- 1) ไม่มีนโยบายด้านความมั่นคงปลอดภัยสารสนเทศ
- 2) ไม่มีกระบวนการทำงานของ IT
- 3) ไม่มีกระบวนการตอบสนองต่อเหตุภัยคุกคามทางไซเบอร์
- 4) ไม่มีหลักฐานการปฏิบัติงาน
- 5) ไม่มีรายงานสรุปผลการปฏิบัติงาน



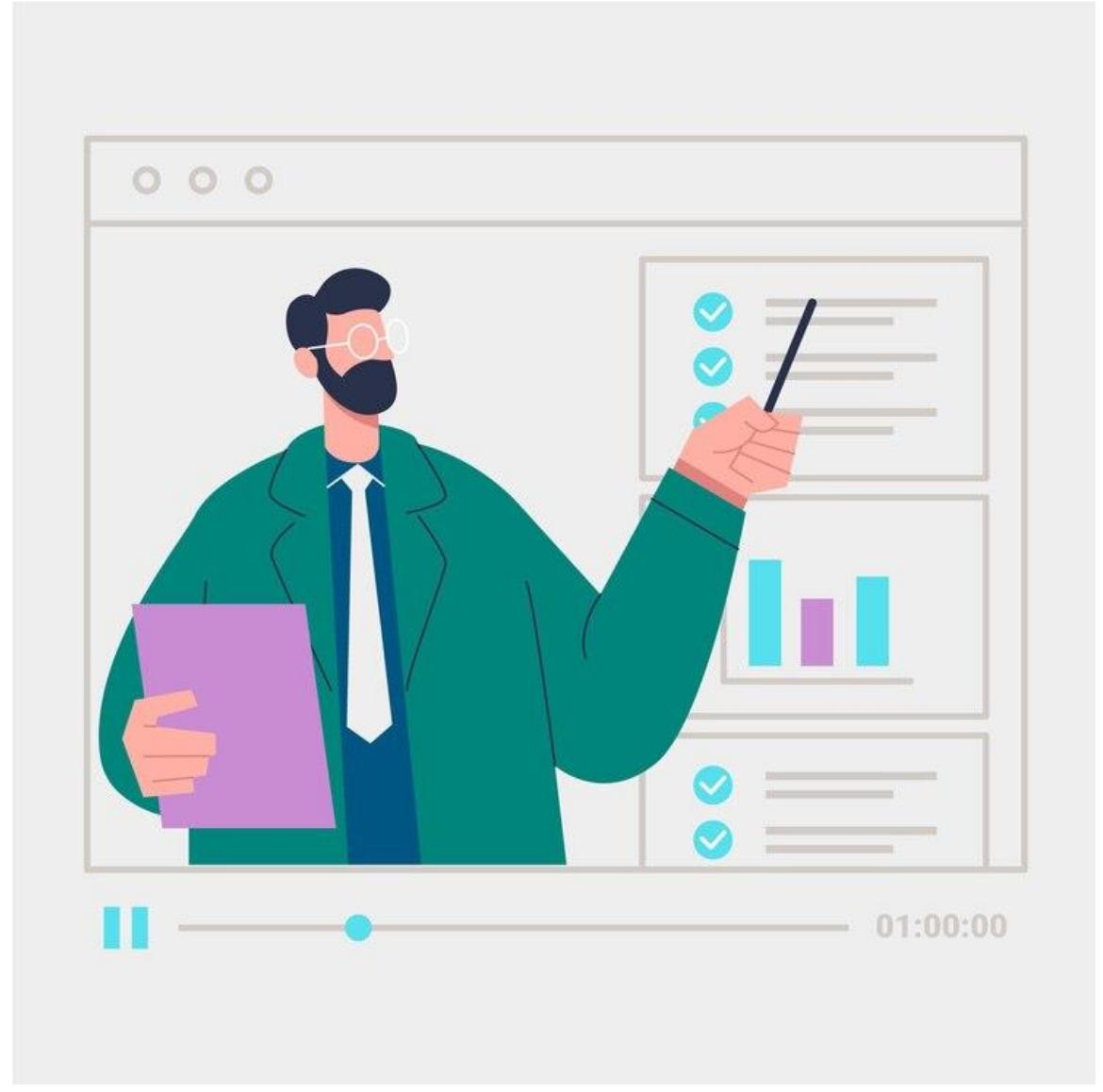
Impact to C, I, A ?

Impact to Business criteria ?

Risk Assessment

EXAMPLE

Asset	Threat	Vulnerability	Impact C, I, A	Impact Business criteria	Risk level
	DDoS				



Conclusion

Risk not equal a zero



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