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# Convergence and governance of information security and physical security in the corporate environment

**Notis Iliopoulos**
Information Security & Compliance Officer, MR HealthTech
MSc InfoSec, MSc MBIT, ISO 27k LA, CISA, CISM

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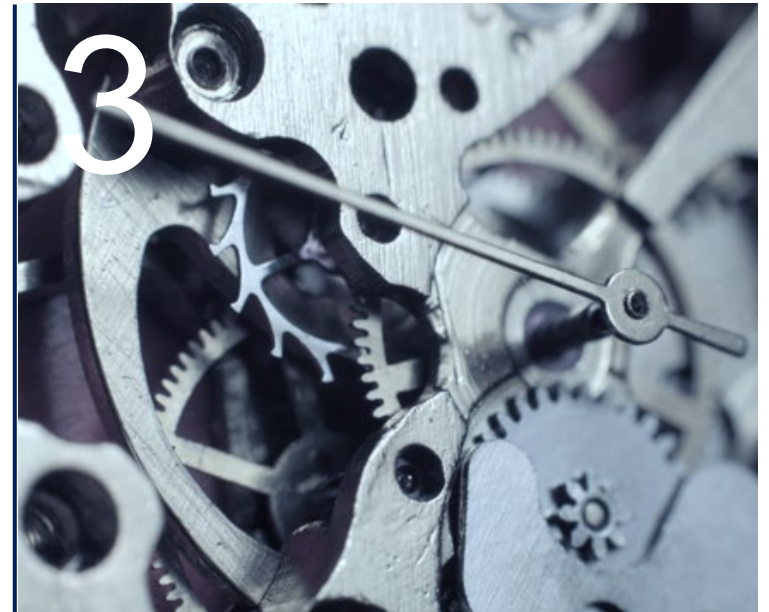
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# Agenda

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1

Why security convergence



2
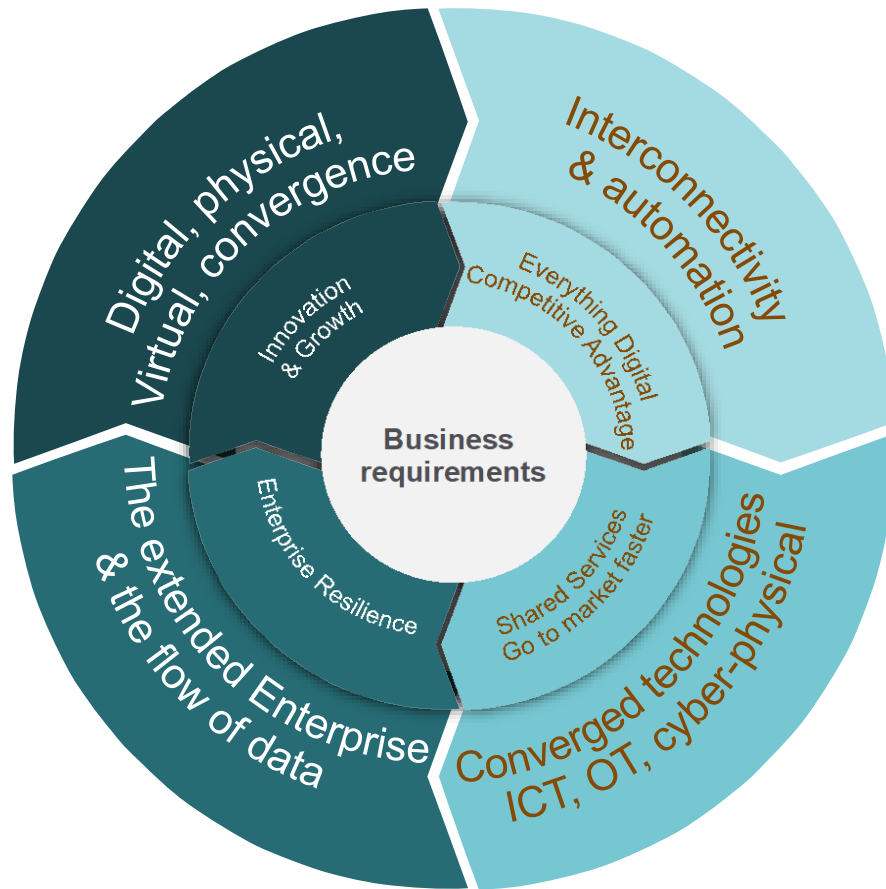
The Challenges and the way forward



3

How to address security holistically

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# Why security convergence

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## Corporate security

- Security is core part of Enterprise Resilience

- Governance, risk management & incident response lines tend to disappear due to interdependencies & the need for collaboration

- Converged and interconnected and automated corporate corporate environment

- Digitalization & automation that includes cyber physical and physical protection systems

- Increased attack surface, less time to respond, more common security vulnerabilities

- Weaponization of cyber-physical technology that may lead to human casualties

- Physical attacks via Digital paths

- Hybrid attacks becoming mainstream

# Why security convergence

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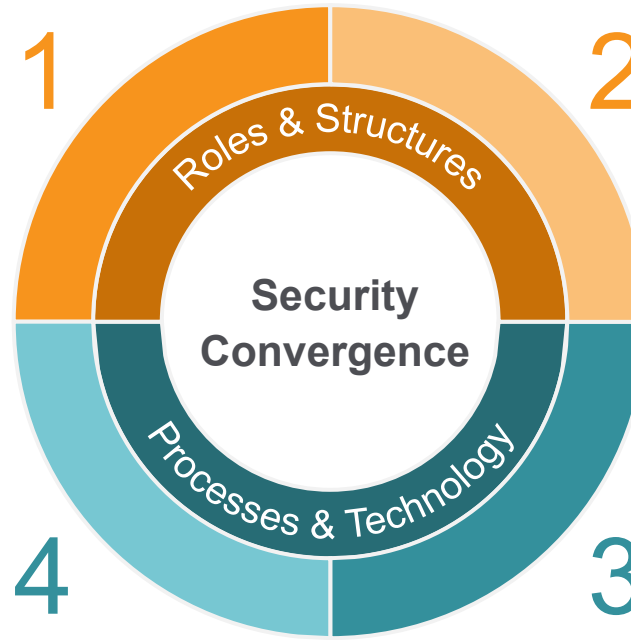
- Integrated corporate security
- Holistically manage security risks & protect assets and resources



- Centralized visibility
- Centralized incident response
- Minimize the impact that any type of security incident might have

- Expands the context of security
- Convergence of the CSO, and CISO roles
- Effectiveness & economies of scale regarding security governance, adoption of controls and unification of operations

**1** Roles & Structures

**2**

**Security Convergence**

**4**

Processes & Technology

**3**

- Connects wide range of security processes
- Security incidents that relate to the protection of people, assets, information, operations, reputation, supply chain are also affecting the operational resilience of the Organization

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# Security disciplines alignment

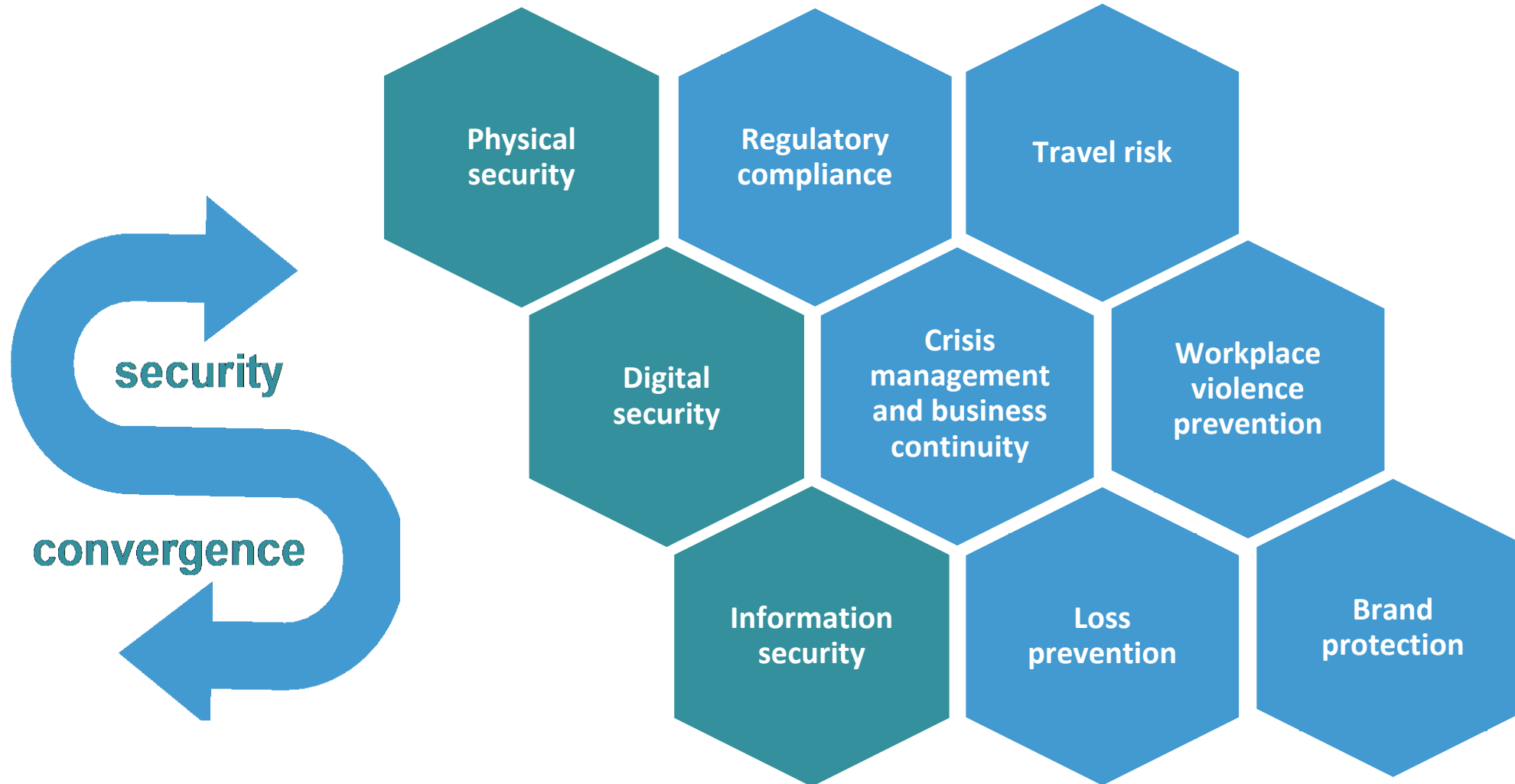Munich RE



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All security disciplines should be managed under the same governance framework that is based on a holistic security risk management approach.

Implementation & adoption of an **sGRC** process as a tool to establish common governance and structures and unification of critical security operations.

The effectiveness of the implementation of the security controls is maximised since all security controls are aligned under the same guiding principles and all aspects of security are taken into consideration.

# Security disciplines alignment

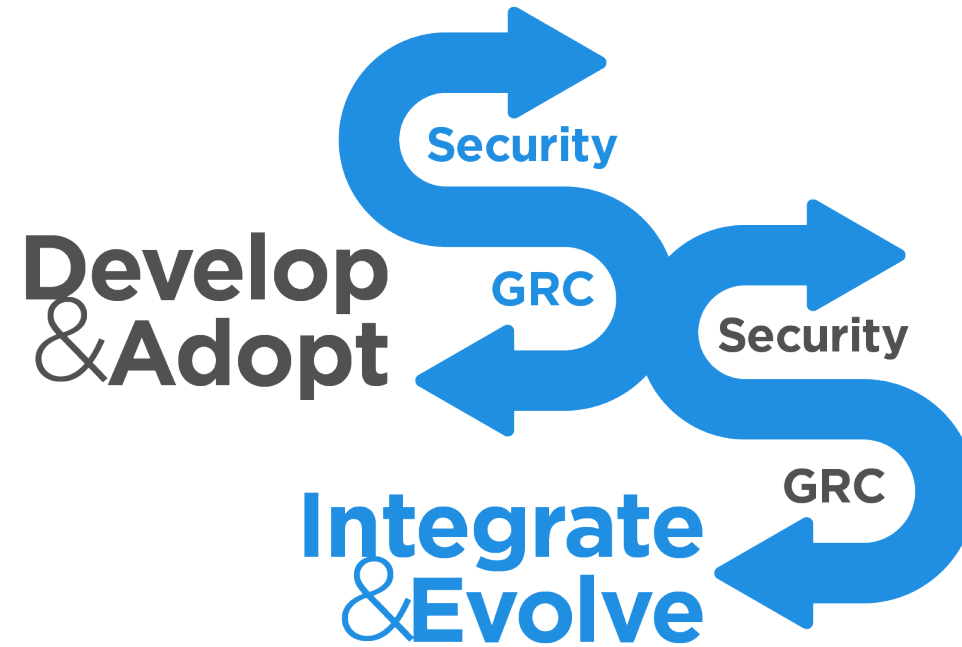

security

convergence

Physical security

Regulatory compliance

Travel risk

Digital security

Crisis management and business continuity

Workplace violence prevention

Information security

Loss prevention

Brand protection

# How to align Corporate Security disciplines

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| | | |
|---|---|---|
| **1** | **Security GRC (sGRC) process** | The driving force to align and coordinate the security requirements that are managed by different security disciplines within the corporate environment |
| **2** | **Security Risk Management** | Holistic governance and management of risks and incidents, the daily operation and continuous improvement of the different security disciplines |
| **3** | **Alignment of all security disciplines** | Include physical and digital security, regulatory compliance, info security, crisis management and business continuity, loss prevention, brand protection, travel risk, supply chain security and workplace violence prevention |
| **4** | **Roles & structures** | Operation under the same governance scheme, Chief Security Officer |

# How to align Corporate Security disciplines

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- Develop and Adopt a Security Governance & Compliance framework
- Adopt a holistic Security Risk Management methodology

- Unify security operations
- Establish metrics & common reporting
- Continuous reporting & enhancement of adoption



[1] Notis Iliopoulos, Proposed approach for the effective implementation of Converged Security Governance & Risk Management in the corporate environment, 2021
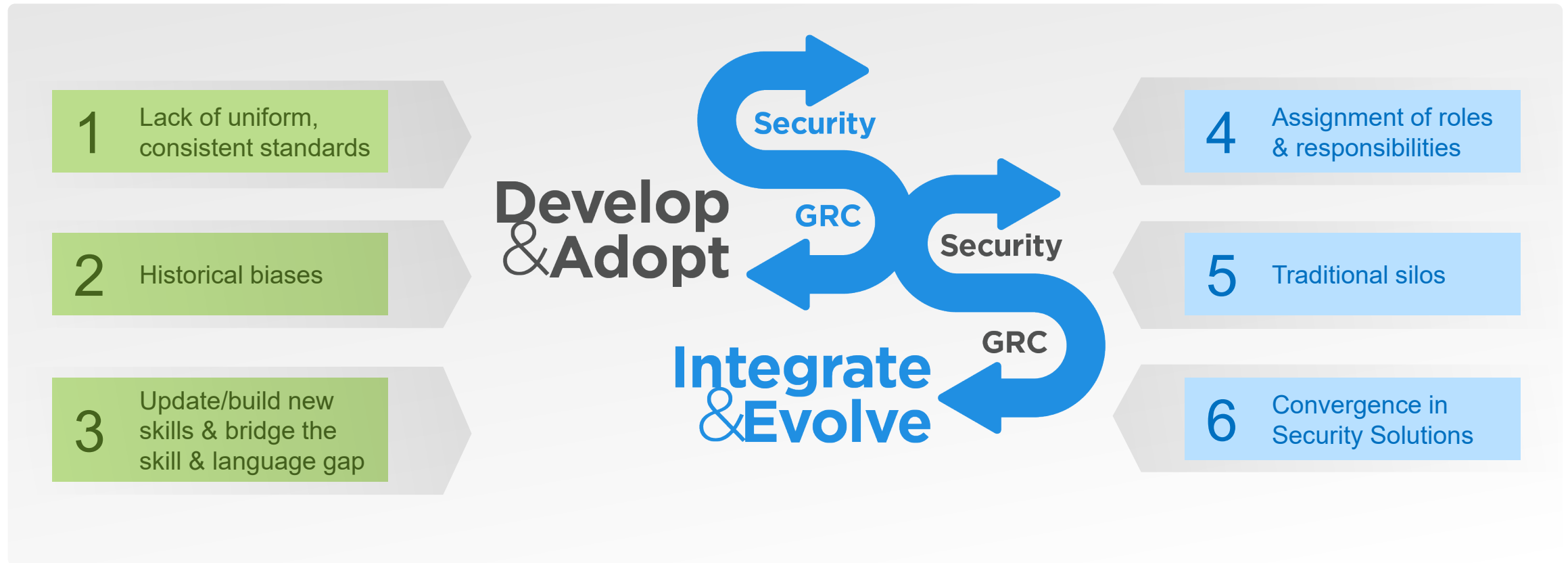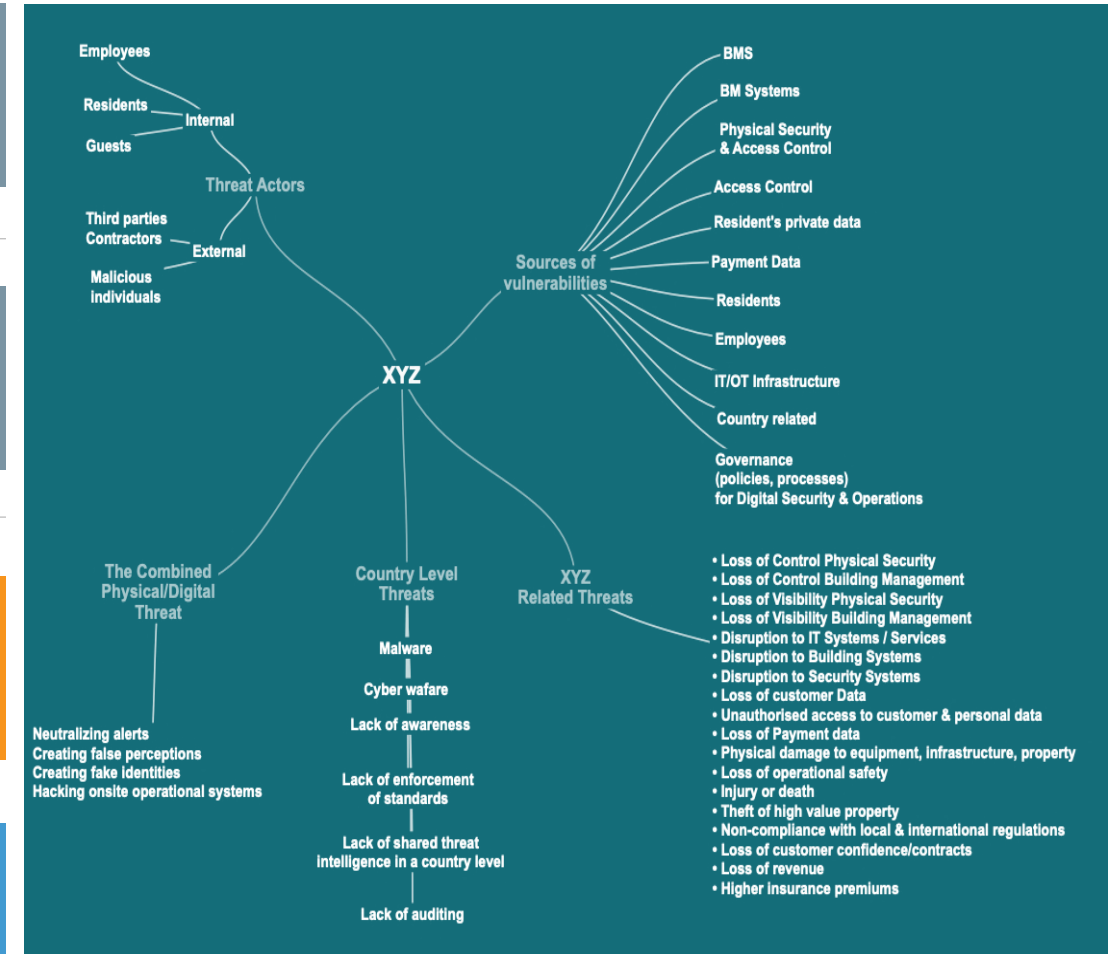
# Security GRC process Implementation

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| Develop and Adopt a Security Governance & Compliance framework | Adopt a holistic Security Risk Management methodology | Unify security operations | Establish metrics & common reporting |

**Security**

**Develop & Adopt**

**GRC**

**Security**

**Integrate & Evolve**

**GRC**
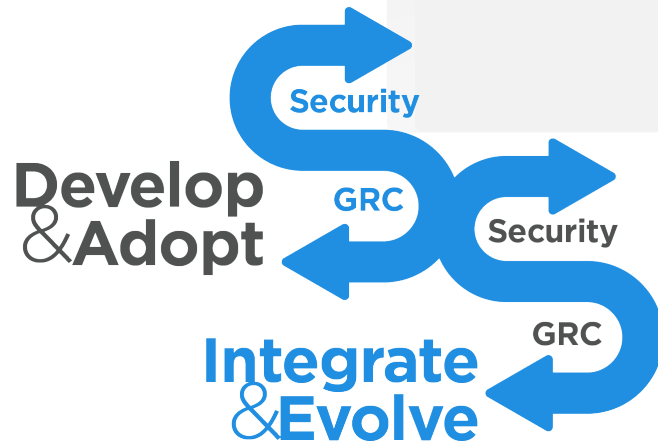
**➡ Continuous reporting & enhancement of adoption**

- Continues evolving process
- Minimise the time required to treat risks
- Maximise the level of sGRC processes automation & minimise the costs of implementation

- Enhancement of the level of integration with the other corporate management systems
- sGRC becoming part of the corporate Governance strategy
- Educate business process owners & Establish a culture for holistic security

# The challenges

| 1 | Lack of uniform, consistent standards |

**Develop & Adopt** — Security — GRC

| 4 | Assignment of roles & responsibilities |

| 2 | Historical biases |

Security — GRC

| 5 | Traditional silos |

| 3 | Update/build new skills & bridge the skill & language gap |

**Integrate & Evolve**

| 6 | Convergence in Security Solutions |

# The changing face of corporate security

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# Conclusion

All security disciplines should be managed under the same governance framework that is based on a holistic security risk management approach

Implementation & adoption of an sGRC process as a tool to establish common governance and structures and unification of critical security operations such as incident management, asset protection and threat management

The effectiveness of the implementation of the security controls is maximised since all security controls are aligned under the same guiding principles and all aspects of security are taken into consideration

▶ Converged Security, Governance & Risk Management in the corporate environment

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# **Need more information?**

Notis Iliopoulos

niliopoulos@mrhealthtech.com

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# Thank you!

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