



OUTSOURCING SECURITY MANAGEMENT

A framework to trust your choices

ISACA

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OUTSOURCING SECURITY MANAGEMENT: A FRAMEWORK TO TRUST YOUR CHOICES



The need for cyber security is increasing, while expertise and available resources are becoming more scarce. That puts outsourcing of security capabilities on the table as a prominent option. In this presentation, we will discuss the challenges of Outsourcing Security Management. **The goal of this webinar is to discuss practical insights on the key success factors to effectively outsource, while staying in control.**



Saskia de Cloe
BUSINESS SECURITY CONSULTANT

As a Business security consultant at Northwave, Saskia uses her acquired skills daily within a variety of contexts related to Cyber Security. She understands the logic of technical security but also acquired the ISO27001 certification. Bridging between teams, the organization and customers is one of her key skills. In fact, understanding the organization and the related risks being in her opinion essential in the construction of any project.



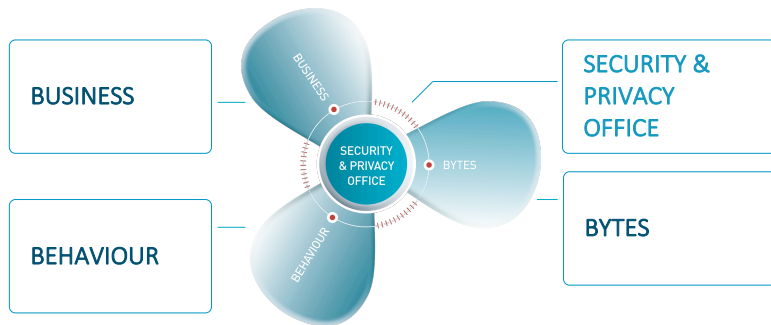


SASKIA DE CLOE

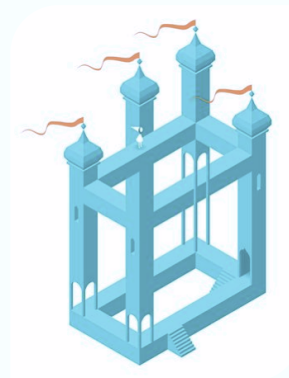
BUSINESS SECURITY CONSULTANT



NORTHWAVE



IT'S OFTEN A MATTER
OF PERSPECTIVE





OUTSOURCING SECURITY MANAGEMENT

A FRAMEWORK TO TRUST YOUR CHOICES

- Outsourcing



Software



Audit



Human resource

- Every context is different



Industries



Risks



Security needs



Data

KEYS TO STAY IN
CONTROL AND MAKE
THE RIGHT CHOICES

BUILD A TRUSTFUL
RELATION WITH YOUR
OUTSOURCING
COMPANY



OUTSOURCING SECURITY MANAGEMENT

A FEW FACTS

- 94% of organizations have experienced a business-impacting cyberattack or compromise within the past year
- 2020 was the ransomware year and cost around \$20 billion, October has been the worst month
- Business leaders want a clear picture of their organizations' cybersecurity posture

~~SECURITY OR NOT SECURITY~~

We want to do it right.

The key success factors to effectively outsource, while staying in control.





OUTSOURCING SECURITY MANAGEMENT

DEFINITIONS

- “**IT-outsourcing** is the use of external service providers to effectively deliver IT-enabled business process, application service and infrastructure solutions for business outcomes.” - GARTNER
- **Security management** is the identification of an organization’s assets followed by the development, documentation, and implementation of policies and procedures for protecting assets.



Software



Audit



Human resource





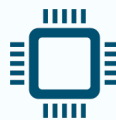
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RANGE OF SERVICES



BUSINESS

- Risk analysis
- Cyber security Audits
- Security Maturity Assessment
- Definition of documentation
- Security within project
- ...



TECHNICAL

- Penetration tests
- Code or configuration audit
- Red team
- SOC / CTI
- CERT / CSIRT
- ...



PRIVACY

- Privacy Maturity Assessment
- Definition of documentation
- Privacy strategy - GDPR
- Privacy by Design
- ...



BEHAVIOR

- E-learning
- Training
- Security awareness content
- Escape games
- ...





OUTSOURCING SECURITY MANAGEMENT

EMERGING SERVICE

BUSINESS SECURITY TEAM



PROCESS

- Security Governance
- Incident management
- Day to day Q&A
-

PUNCTUAL ACTIONS

- Crisis exercises
- Awareness events
- Maturity Assessment
- ...

TECHNOLOGIES

- Automated process
- Ticketing tools
- CERT / SOC
- ...

REPORTING

- Monthly reporting
- Management review
- Strategical advises
- ...

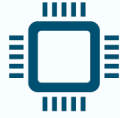




OUTSOURCING SECURITY MANAGEMENT PACKAGES



BUSINESS



TECHNICAL



PRIVACY



BEHAVIOR



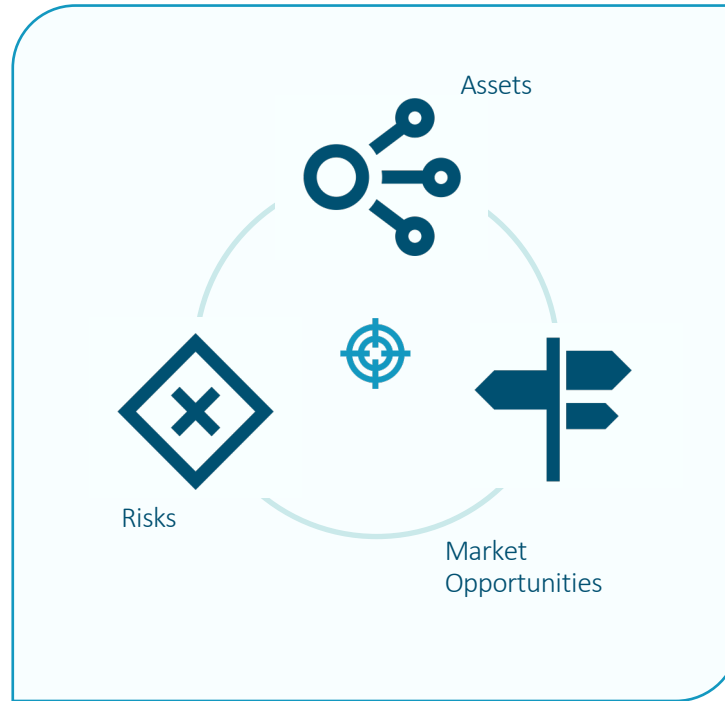
- Lack of communication
- Decentralisation of the information
- Non up to date inventory of assets
- Non-effective or non-communicated process





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KNOW YOUR ASSETS



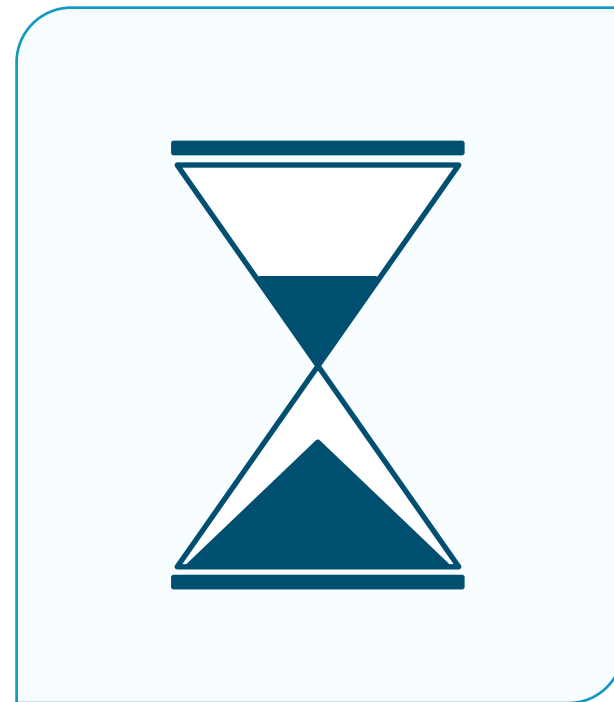


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BUILD A TRUSTFUL RELATIONSHIP



1. Scoping
2. Resources mapping
3. Inventory of assets
4. Security needs
5. Choosing the external party





OUTSOURCING SECURITY MANAGEMENT

1

SCOPING

Identify the scope and therefore the **range** and **workload** to manage information security.





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2

RESOURCES MAPPING

**Set up, activate,
manage and
keep developing
resources
needed.**



Budget



Assets



Documentation



Stakeholders



Security team



Training



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3

INVENTORY OF ASSETS

Keep a clear understanding of your assets and control over your data.



Externally stored data



Data Centre



Database

IT RESOURCES



Documentation



Assets



End point



Component



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4

SECURITY NEEDS

Define security **needs** and **expectations** to set up **clear goals** to be successful and in **control** of security.



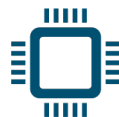
BUSINESS



PRIVACY



BEHAVIOR



TECHNICAL



External



End point



Data Centre



5

CHOOSING THE EXTERNAL PARTY

Chose an external party fitting your **culture**, providing **excellency**, **competitive**, **respectful**.



Software



Audit



Human resource



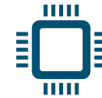
Business



Privacy



Behaviour



Technical



Budget



Expertise



Security team



Training



Offer



OUTSOURCING SECURITY MANAGEMENT

SECURITY TEAM



BUSINESS SECURITY TEAM





OUTSOURCING SECURITY MANAGEMENT IN A NUTSHELL



- Chose an external party fitting your **culture**, providing **excellency, competitive, respectful**.
- **Identify the scope** and therefore the range and workload to manage information security.
- Set up, activate, manage and keep **developing resources needed**.
- Keep a **clear understanding of your assets** and control over your data.
- **Define security needs** and expectations to set up clear goals to be successful and in control of security.



Will you outsource your
management?

LET'S DISCUSS IT





TO RECEIVE OUR OUTSOURCING
SECURITY MANAGEMENT
SEND ME AN EMAIL

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