



SECURITY STRATEGY AND ROADMAP DEVELOPMENT  
TO SUPPORT YOUR BUSINESS NEEDS

# Security Strategy and Roadmap

What if an external cyber actor targets vulnerable business processes that need to be up and running all the time, steals your confidential knowledge or manipulates business critical information?  
Which measures should be taken to prevent, detect or respond to such events?

Fox-IT can help you to understand how mature your approach to Cyber Security is and needs to be from both a technical and non-technical point of view. This understanding translates into a Cyber Security Strategy to guide your organization's security efforts. We can also help you prioritize your Cyber Security Roadmap to make it support your business needs.

## About Security Strategy and Roadmap

- Identify what business needs should be protected against what
- Determine where you are and where you should be both technically and non-technical
- Develop a Cyber Security Strategy to support your business needs
- Translate this strategy into a Cyber Security Roadmap reflecting your business priorities

Every organization needs a cyber security strategy and roadmap. Fox-IT has supported many organizations to develop, improve and execute these. We leverage our proprietary tools and broad operational expertise in our recommendations and support. There are 4 key elements to our support:

### 1) Determine business risks and interests that should be addressed by cyber security

Business risks are used as starting point to develop the cyber security strategy and roadmap. This way it is ensured that security measures address business processes and focus on data, systems and people of particular interest to the business.

### 2) Finding vulnerabilities and understanding how mature your approach to Cyber Security is and needs to be

Using a standardized methodology, Fox-IT assesses an organization's approach to cyber security. From a non-technical perspective, the security strategy, processes, use of technology and approach to people and expertise are evaluated. We also analyse the way core functions of cyber security operations are implemented. Cyber Security Maturity is determined and potential non-technical vulnerabilities are exposed.

From a technical perspective one or more tools are used to determine security vulnerabilities. Observations from a network architecture review, penetration test, compromise assessment or network monitoring audit reveal technical vulnerabilities in addition to the non-technical ones. The observed Cyber Security Maturity and found vulnerabilities are compared to your organization's ambition in terms of maturity and risk-appetite. Based on the gap between those two, actionable recommendations from both the non-technical and technical assessments are prioritized.

### 3) Translate observations and recommendations into a cyber security strategy and roadmap to guide your organization's security efforts

Based on the identified business risks and interests a cyber security strategy should be developed. This strategy guides all security efforts in your organization and ensures that the most important or most sensitive areas are addressed.

The prioritized non-technical and technical recommendations are included in the organization's cyber security roadmap. We include an advise on how to implement cyber security operations from a technology, process and people perspective to ensure a balanced and effective (i.e. not just technical) approach.

### 4) Support implementation or improvement of cyber security operations

Upon request, Fox-IT can support your organization in implementing the cyber security roadmap. Firstly, we can help you keep track of the implementation by regular measurements such as penetration tests and network monitoring audits. These measurements assess progress and might adjust the transition if needed.

Secondly, we can support you by developing a hybrid SOC (Security Operations Centre) solution for your organization. The hybrid SOC solution will give you all the necessary elements of cyber security operations immediately, while gradually changing the level each element is outsourced or performed in-house. This can help you build your own security operations, while being cyber resilient from the start. We can help you design, setup and operate (parts of) this hybrid approach.

Thirdly, the FoxAcademy can support by training your people. They provide a broad range of training programs from generic Cyber Security Awareness to legal training or in-depth technical training needed for running your own cyber security operations.

FOX-IT prevents, researches and limits the most serious threats from cyber attacks, data leaks or fraud, with innovative solutions for governments, defense, police, critical infrastructures, banks and major corporations worldwide. In its approach the company combines smart ideas with technology to offer innovative solutions ensuring a secure society. It develops products and tailor-made solutions to guarantee the security of sensitive government systems, to protect industrial networks, to defend online banking systems and to secure highly confidential data.

for a more secure society



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