



# Cyber Security Services of SIX

Maximum Security

Several studies<sup>1</sup> have shown that companies in Switzerland underestimate the risk of a cyber attack. Furthermore, “no other sector is as popular a target for cyber-criminals as banking”<sup>2</sup>, according to one industry portal. Even FINMA, the Swiss Financial Market Supervisory Authority, is concerned. It has identified cyber security “deficits”<sup>2</sup> at Swiss banks and insurance companies.

## Finance-Driven Cyber Security Service of SIX

SIX is the only provider in Switzerland that is itself part of the financial sector and offers a security solution for banks and insurance companies. This enables SIX to guarantee maximum reliability and develop relevant solutions. SIX seeks to ensure the best possible protection for both itself and the system-critical Swiss banking infrastructure by identifying relevant security incidents at an early stage. The SIX claim is the following: finance-driven cyber security services.

Cyber security cannot be viewed in isolation. Thomas Rhomberg, Head Security Operations & Transformation, emphasizes the highly complex nature of digital security.

## SIX Cyber Security Model: Key Dimensions for a Sustainable Cyber Security



<sup>1</sup> <https://ictswitzerland.ch/publikationen/cyberrisk-kmu/> and <https://home.kpmg.com/ch/de/home/medien/medienmitteilungen/2017/05/cyber-crime-in-switzerland.html>  
<sup>2</sup> <https://finews.ch/news/banken/26897-cyberrisiken-finma-hacker-defizit>

Moreover, "The threat situation is dynamic, so defence measures also have to constantly evolve." The SIX Cyber Security model shows various dimensions and complex interaction of all elements of a Security Operations Center (SOC).

Cyber threats and data protection requirements are increasing. At the same time, however, many firms from the financial sector are under pressure to make savings. They must therefore do more with less money in an area that is not one of their core competencies. In this situation, more and more companies are transferring the security of their IT and networks to specialist firms, giving them maximum security for reasonable and calculable costs.

### Our Service Modules

The cyber security services of SIX are modular and complement each other. They are tailored specifically to the financial sector and can be purchased individually or as a package.

Cyber Security Services					
Managed Detection & Response					
Vulnerability Management	Digital Risk Monitoring	SOC as a Service	Incident Response Support	Managed SOAR	EDR as a Service
Finance-Driven Use Cases Library & Threat Intelligence by SIX					

■ What we have today   ■ Roadmap

### Vulnerability Management

In consultation with SIX you define various types of internal and external vulnerability scans and how often

they are to be carried out. SIX correlates the results using its proprietary reporting engine, evaluates them and informs you immediately in the event of an increased threat situation.

### Digital Risk Monitoring

SIX monitors the digital footprint of your organization and your partner firms. This holistic analysis comprises three aspects. Firstly, the technology, for example, cloud storage, the entire enterprise network and Domain Name Servers (DNS), patching, source codes and programs. Secondly, the human aspect: employees and partners, social media behavior, credentials and darknet crawling. Finally, it encompasses organizational topics such as domains, sub-domains, roots, your shadow IT, and brand, reputation and geo risks.

### SOC as a Service

SOC as a Service collects and aggregates security events and netflow data on customer premises. The Security Information & Event Management (SIEM) system identifies threats in near real time based on the implemented use cases and forwards identified or suspected anomalies (incidents) to SIX, where they are analyzed around the clock in the SOC. If the SIX security analyst confirms the anomaly (true positive), a recommended course of action is presented to the customer immediately under the agreed Service Level Agreement (SLA).

### Incident Response Support

You undertake Security Incident & Event Management (SIEM) yourself or purchase SOC as a Service from SIX. The SIX incident response team supports you with the analysis and resolution of incidents. This can also be on your premises if required.

## SIX - Your Strong Partner from the Financial Industry

### Your Benefits

- SIX is the only service provider in Switzerland offering Cyber Threat Intelligence (CTI) that is focused on financial topics.
- SIX develops use cases for the financial sector and updates them on an ongoing basis.
- SIX is itself system-critical, and as an operator of system-critical infrastructures it has an insider's view of relevant, sector-specific threats.

### The Following May Also Be of Interest to You:

- SOC as a Service
- Incident Response Support
- Digital Risk Monitoring
- Vulnerability Management

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