



Applications from external software providers may contain unknown, manipulated or insecure components that could harm your business. Is your software supply chain adequately protected?

Software supply chain attacks (such as the SolarWinds SUNBURST attack in December 2020) have shown just how sensitive and critical software supply chains are. But only those who know the threat situation and risk can define and implement suitable protection measures. Swisscom helps you understand your current risk landscape and measure your ICT risks

as well as define your software supply chain management strategy and implement the necessary measures. You also receive support in defining and managing relevant ICT criteria – in combination with your suppliers – and with specific recommendations and measures for a secure software supply chain.

Your benefits with Secure Software Supply Chain

Transparency and risk acceptance in external software development

Agreements with your software suppliers are analysed for security-relevant processes. Untrustworthy and dangerous software artefacts are listed and may be removed from your development and production environment.



Software bill of material as a service (SBOMaaS)

Representation and explanation of regulatory requirements on a secure software supply chain
Generation of a software bill of material (SBOM) that can prepare and store the source code, dependencies and creation data of the software package in an auditable manner.

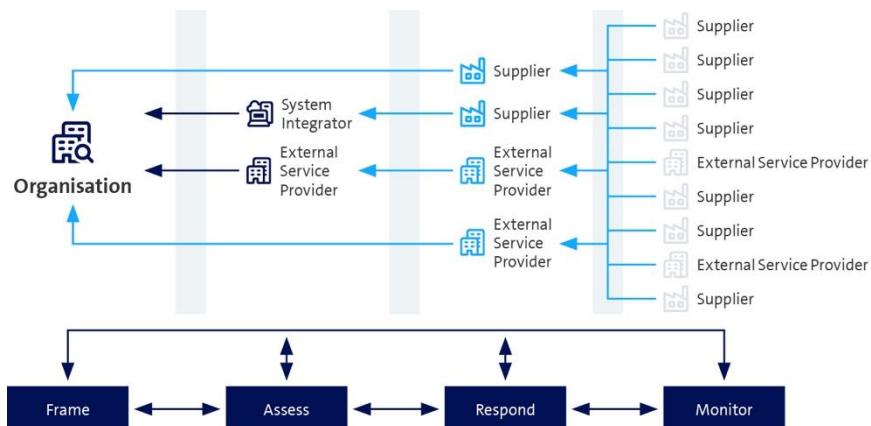


Monitoring your software supply chain

Ongoing monitoring of generated SBOMs and those provided by partners and third parties, as well as continuous evaluation of dependencies by experts from the Consulting Team. This means your business can achieve the desired level of security and respond appropriately in the event of new vulnerabilities in these dependencies.



How software supply chain monitoring works





Facts & Figures

What does the Basic package include?

Workshop: Secure Software Supply Chain

Basic services

Initial situation and needs analysis

Swisscom gets to know your initial situation: your protection needs, the dangers of your software supply chain, existing protection measures, your open-source strategy, code repositories and artefacts in use and agreements with your software suppliers.

Risk assessment and measures

Swisscom determines the risks based on the initial situation and needs analysis and defines suitable measures (including in procurement and supplier management). A possible implementation plan is then prepared together.

Identifying efficient tools

Based on the generated risk matrix, Swisscom analyses the use of solutions that can help you increase the security of your software supply chain for the long term. These may be specific processes or software-based solutions.

The Consulting Team offers you the following optional services:

Software bill of material as a service (SBOMaaS)

Optional services

SBOM management use case

- Generation of a software bill of material (SBOM) for your specific application.
- Identification of all components and their vulnerabilities in your open and closed-source environment.
- Traceability of all open and closed-source components, internally and externally (third-party providers).
- Process support and embedding of SBOM verifications in all your software projects.

Risk management use case

- Effective search functions find any dependency based on risks, vulnerabilities or other information in an instant.
- No unknown software or software component will enter a software build or software deployment process.

The Consulting Team offers you the following additional services:

Monitoring your software supply chain

Additional Services

- Continuous monitoring of all open and closed-source components, internally and externally (third-party providers) on a platform (SBOM).
- Management of the vulnerabilities of the containers used on a container platform.
- Increase in visibility, greater understanding and control of your business-specific ICT supply chains.

You can find more information and the contact details for our experts at [swisscom.ch/security-consulting](https://www.swisscom.ch/security-consulting)