

# Cyber Security Jobs Salary 2022

The cyber security talent shortage still remains as potent as ever. It's true that there have been substantial efforts to increase the supply of cyber security workers. However, demand has increased constantly, so cyber security talent becomes challenging to find. Several years ago, demand for security skills was limited mainly to the government and the defense industry. Now it has spread throughout the economy. In this article, we give an overview of the cyber security job salary in Switzerland.

## TOP 3 cyber security positions and jobs salary

[Cyber security careers](#) are in high demand. Following are the top three popular positions in cyber security, including job responsibilities and respective cyber security jobs salary. So let's take a closer look.

### Cyber Security Engineer

In the most basic sense, cyber security engineers are considered as the gatekeepers of information within an organization. They are responsible for protecting an organization's network against persistent threats from cyberspace. They perform and design security measures accordingly. Cyber security engineers are not working in isolation, rather they are generally regarded as being an extension of the IT department.

They should possess the following qualities: obtaining a degree in computer science, information technology, or systems engineering. They are required to be detail-oriented individuals and be able to quickly detect anything out of the ordinary on a day-to-day basis. Proficiency in programming languages, such as Python, C++, Java, Ruby, Go or PowerShell is also important.

### The main responsibilities of a cyber security engineer are:

- to design, execute, manage, control, and upgrade security measures for the protection of the organization's data, systems and networks.
- to test and detect network and system vulnerabilities.
- to build computer security architecture and advancing comprehensive cyber security designs.

- carry out threat intelligence and performing new security solutions to properly protect the organisation.

## Salaries for cyber security engineers

As regards the salary, the average entry-level cyber security engineer salary is around \$75.000. Cyber security engineers at the mid-career level can expect to earn around \$95.000. Lastly, the average [experienced cyber security engineer salary](#) is above \$115.000.

## Cyber Security Analyst

Cyber security analysts are responsible for the security of an organization's computer systems and information technology assets. [Similar roles](#) to cyber security analysts include information security analysts, security operations center analysts, and security analysts. These titles basically hold the same job description and execute the same tasks.

### Typical responsibilities of a cyber security analyst are:

- to implement incident response, which includes responding to and preventing attacks.
- to assure necessary security controls are in place that will protect digital files as well as main electronic infrastructure.
- to suggest techniques to identify and prevent malicious activity, carrying out reviews of security events, and improving methods to develop security incident identification.

## Salaries for cyber security analysts

[Indeed](#) says that the average salary for a security analyst is around \$78.000 in the United States of America. The average entry-level cyber security analyst salary is around \$62.000, whereas mid-career cyber security analysts can expect to make nearly \$88.000. Interestingly, a senior cyber security analyst with 10 years' experience can make \$61.000 in London, whereas an individual with the same qualifications can make [\\$125.000 in New York](#).

## Chief Security Officer (CSO)

The chief security officers are the company executives who are in charge of the [security of personnel](#), physical assets, and information in both physical and digital form. They usually have many years of experience in cyber security. Thus, they are able to professionally manage standards that dictate how information is secured, transformed, and stored.

Because intruders try to penetrate the organization's systems every day, chief security officers have to be knowledgeable in securing the internal organization systems. Additionally, a CSO has some type of management experience, as they have a number of managers from several departments who report to the CSO.

CSO's have to possess knowledge in administration, management, human resources, customer service, law, and government. Moreover, they are expected to have excellent skills in judgment, decision making, complex problem solving, and critical thinking.

### **Typical responsibilities of a chief security officer include:**

- to determine goals and objectives for organization security, and defining budgets for each year IT and security changes;
- to develop and execute strategic security protocols and procedures;
- to initiate safety measures to safeguard the assets and properties of a business unit;
- to comprehend both local and federal laws regarding IT security and work jointly with teams to make sure that the business follows the necessary policies.

### **Salaries for chief security officers**

Above mentioned capabilities and skills signify excellent compensation as well as long-term job opportunities. For example, [payscale.com](https://www.payscale.com) says that the [median salary](#) for a chief security officer is \$132.000, with anything from \$68.000 to \$202.000. The early-career chief security officer can expect to make \$80.000.

According to Economic Research Institute, the average salary for a chief security officer who holds at least five years of experience will be around [\\$160.000 in 2025](#).

## **Cyber security salary in Switzerland**

In comparison to other European countries, Switzerland is known to have superb information and telecommunications infrastructure. Switzerland is the birthplace of the World Wide Web. The country's position as a high-tech location makes it an ideal place to foster digital trust.

In fact, Switzerland is making an outstanding contribution to advancing cyber security across the globe and fostering peaceful use of information and communications technology. Simply put, the job market in the cyber security domain is hot. So, make sure to check our blog post where we discussed [why choose cyber security as a career](#).

As regards the cyber security salary in Switzerland, an employee working in the IT sector makes about [CHF 126,000 / year](#). Salaries typically range from CHF 64,500, which is the lowest average, to CHF 203,000, the highest average.

An entry-level cyber security specialist who possesses 1 to 3 years of experience, earns an average salary of CHF 84,486. A senior-level cyber security specialist with at least 7 years of experience makes an average salary of CHF 148,827.

The average salaries for other cyber security positions in Switzerland are as follows:

- The average annual salary for a **Cyber Security Consultant** job in Switzerland is above CHF 130.000 up to CHF 180.000
- **Cyber Incident Responder** typically earns between CHF 115.000 and CHF 130.000 annually
- The average **Penetration Tester** salary in Switzerland typically falls between CHF 115.000 and CHF 150.000
- **Security Director's** average salary falls between CHF 160.000 and CHF 200.000
- The average annual salary for a **Chief Information Security Officer (CISO)** in Switzerland in 2022 may range from CHF 145.000 up to CHF 200.00 and even more
- The average annual pay for a **Security Architect** job in Switzerland is CHF 130.000
- The average annual pay for a **Security Administrator** job in Switzerland falls between CHF 115.000 and CHF 135.000
- **Cryptographers** can make an average annual salary of CHF 130.000 up to CHF 160.000
- The average salary for a **Vulnerability Assessor** may range from CHF 130.000 to CHF 145.000

## Do you want to boost your career in cyber security?

Recent cyber incidents and widely reported pervasive vulnerabilities reveal the rapidly changing cyber risk landscape. Every employee entrusted with hands-on work **must be trained** to hold necessary capabilities allowing them to secure systems, understand how intruders think and implement, and handle incidents when they happen.

**Swiss Cyber Institute** has developed a knowledge-based **Cyber Security Specialist program** with a Swiss Federal Diploma. This program is intended to introduce you to the field of cyber security and prepare you for the Swiss Federal Examination. Don't miss this chance, and become a Cyber Security Specialist with a Swiss Federal Diploma.

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