SNT Training

(IT Systems and Networks Technicians Training)

🟦 **The Job** ▬▬▬▬▬

Presentation

IT systems and networks technicians participate in the installation and maintenance of IT infrastructure. Technicians manage the company's data servers, i.e. the backup and restoration of data, as well as access and security measures. They are involved both in the installation of the system and network and its operational upkeep: its operating, security and infrastructure maintenance.

Salary

IT systems and networks technicians with less than a year's experience earn an average salary of €2,042 gross and €1,593 net per month.

Position and evolution

With TSSR training, graduates have access to the following jobs:

- Systems and networks technician
- Support technician
- Network technician
- Computer technician
- Operations technician
- Linux administrator

Technicians will be able to advance into positions such as network administrator, maintenance manager, IT manager, data processing manager, and telecommunication operators. Some even train further by specializing in cybersecurity or cloud computing, which usually includes courses such as Computer Systems and Networking Security.

◼ Objectives of the training

The TSSR program focuses on digital learning as a key step towards professional integration. For four and a half months, students undergo intensive training as systems and network technicians with a focus on the soft skills necessary for professional integration. This course allows students to prepare for the systems and networks technician exam (RNCP level 5). Following this training, Konexio offers internship or work-study opportunities through its partners in the tech industry to give students privileged access to professional experiences. We aim for all students to have the opportunity to apply their skills with clients.

The three characteristic added values of the Konexio program:

◼ **Fluency in navigating the workplace's social codes:** we emphasize soft skills, which are as important as technical skills in order to be able to enter the job market. In collaboration with partners in the business world (Salesforce, SAP, Adecco, etc.), Konexio organizes 50 hours of workshops exclusively dedicated to these "soft skills," which include: communication, public speaking, teamwork, CV and LinkedIn profile creation, networking, etc. These elements help students master social codes and add value to their role in the tech world.

◼ **Social cohesion and the creation of a mutually supportive community:** Konexio strives to make tech an opportunity for all. We welcome people from different backgrounds, such as migrants, refugees, young people from disadvantaged backgrounds, and people who are reskilling professionally in order to create a diverse learning environment that prioritizes exchange and group learning. Konexio's emphasis on diversity and mutual support prepares disadvantaged students for full integration into French society and the labor market, especially in the tech industry, which is seeking to diversify.

◼ **Easy access to employment**: Konexio's program teaches today's most sought-after technical skills, ensuring that graduates are employable from day 1 and prepares them to anticipate the job market changes of tomorrow.

Konexio partners with businesses seeking job candidates with strong technical and soft skills. To make these partnerships successful, Konexio provides personalized support and coaching for students, ensuring that they can land an internship at the end of their training.

■ **Training course** ▬▬▬▬▬

Content	Number of hours
Business skills	35
TCP/IP stack & advanced networks	55
Administration of network equipment	85
Virtualization, cloud and containerization	80
Security and incident management	90
Windows administration	45
Linux administration	60
Non-technical skills	50
Specialty among 3 options (networks, cloud computing or cyber security)	100

The proposed specialties correspond to three high-stakes areas in the systems and networks business, all three are covered in the core curriculum but are addressed in depth:

- **Network**: Advanced network technologies. Discovery and use of WAN protocols. Corresponding to the Cisco CCNA 1 level.
- **Cybersecurity**: Initiation and practical application of security fundamentals. Discovery of cybersecurity technologies.
- **Cloud Computing**: Advanced use of the cloud. Use of different vendors and technologies related to the cloud.

Specialties will be determined based on several factors, including trending professional opportunities.

Pedagogy

Learning focused on practice: more than 70% of the training is dedicated to practice

- Modules combine theory and practice
- Incorporation of in-demand professional topics: networks, cloud computing and cybersecurity
- Students attend face-to-face training followed by e-learning, which promotes autonomy, individualized follow-up, and teamwork
- Students complete group projects throughout the session

Participants

This training is intended for people who have an understanding of basic computer science and who wish to go further in the learning of the system and network technician's job in order to start a career in computer science.

Prerequisite

Candidates must already have a basic knowledge of computers. The training is open to:

- Adults (at least 18 years old)
- Registered at Pôle Emploi (mandatory)
- At least B1 level in French
- People who are motivated and ready to learn

Duration

600 hours in total for 4.5 months on a full-time basis (Monday to Friday)

Modalities et pedagogy

- **Blended learning:** In-person classes supplemented by an e-learning portion accessible through an online platform
- **Group size:** 20 students, 1 trainer
- **Registration:** 2 sessions per year. Online application form to be completed
- **Recruitment process:** tests for technical skills, logical reasoning, and motivation

- **Teaching materials:** text-based materials, interactive exercises to be done both with or without the trainer during the course, access to an e-learning platform containing additional exercises

Rate

Free for participants. This training is reserved for job seekers.

Accessibility

The training place is accessible to people with reduced mobility.

Diploma

Diploma of Superior Technician Systems and Networks (RNCP level 5).

◼ Our mission ▬▬▬

TO (RE)CONNECT DISADVANTAGED PEOPLE TO SOCIETY THROUGH TECHNOLOGY AND INNOVATION

Konexio provides training to acquire **basic computer skills, coding skills, and soft skills. Our primary goal** is to connect vulnerable people, including refugees and unemployed youth, with **professional opportunities** to accelerate their **long-term integration**.

◼ Our objectives ▬▬▬

- **TEACH** the fundamental concepts of computer science and programming through interactive methods that encourage discussion
- **GIVE** our participants resources and professional opportunities
- **BUILD** a supportive community among individuals who are passionate about helping each other and engaged in the tech community

◼ Our community and impact ▬▬▬

250+ local and international partnerships │ **70+** classes launched│**1 300+** students trained│**10,000** students trained by 2023│**66,000+** hours of instruction donated │ **10,000** hours of volunteer time **72%** positive exits (return to employment, enrollment in continuing education, return to school or launching an entrepreneurial project)

◼ Our partners ▬▬▬

We work closely with partners to build a supportive community. To date, we have a well-developed portfolio of partners, including associations, institutions and private structures (companies and organizations). The inclusion and integration of vulnerable people requires support socially, professionally, and educationally. Thanks to our strong community of strategic partners, we can offer these opportunities, thus facilitating the socio-professional integration and inclusion of our students.