

# BUILDING IT SPECIALIST, FEDERAL VET DIPLOMA

Smart buildings and industrial facilities need smart building IT specialists to program them.

<b>Training duration</b>	4 years with Federal VET Diploma
<b>Specialisations</b>	Building automation, communication and multimedia
<b>Training locations</b>	<ul style="list-style-type: none"> <li>- In the office</li> <li>- At customers' premises</li> <li>- On construction projects</li> </ul>
<b>College days</b>	<ul style="list-style-type: none"> <li>- 1 – 2 days per week at vocational college</li> <li>- 7 vocational courses</li> </ul>
<b>VET college (BMS) possible</b>	Yes



## Requirements

- Enthusiasm for IT
- Interest in new technologies
- Upper secondary school high level
- Personal responsibility
- Reliability
- Enjoy customer contact and teamwork



## Job

Building IT specialists plan, install and configure building automation, communication and multimedia systems. They set up data networks and network building technology such as lighting, heating and ventilation.

### As well as performing the following tasks:

- Recording customers' needs
- Setting up data networks for building automation, communication and media (GKM) systems
- Networking controllers, devices, phones and multimedia
- Programming or adapting programs for operation
- Setting up interfaces between components and data networks
- Commissioning and explaining to the customer how building automation, communication and media systems work



## Further training and careers

### Further training

- Further training and specialisation (e.g. building automation)
- Federal Professional Examination (e.g. ICT Application Development Specialist)
- Advanced Federal Professional Examination (e.g. Qualified ICT Manager)
- Professional Educational Institution (e.g. Qualified Building Technician, Qualified IT Specialist)

### Careers

- Team/project/department manager
- Building technician
- IT specialist
- Sales – Consulting – Support
- Entrepreneur

