



VCS3020X Installer Course

Target group Maintainers supporting on-site system installation	Location Customer site or Frequentis TEC (Vienna)
Language English (unless otherwise agreed)	Max. number of participants 6
Duration 3 days	Course ID AT0360

This add-on course is aimed at customers or partners who are responsible for installing a pre-tested system at the respective site that has already passed the Factory Acceptance Test (FAT).

Participants will, through extensive practical exercises, learn how to install VCS3020X using the respective documentation and tools.

Course goals

Upon successful completion of this course, participants will be able to

- › install and set up a pre-tested VCS on-site that has passed FAT
- › adapt the system settings used at the FAT to match the requirements for local operation
- › adapt the system by adding extra components such as line interface cards to the system and setting corresponding parameters

Knowledge

It is assumed that participants

- › have a good understanding of written and spoken English
- › have successfully completed the VCS3020X Maintainer Course [Level 0&1] (Course ID AT0310) immediately prior to attending this course
- › can accurately carry out certain tasks by following instructions from e.g. an installation manual
- › can accurately carry out certain tasks by following (remote) verbal or interactive guidance provided by a Frequentis Subject Matter Expert

Qualifications

The following qualifications are necessary:

- › English language level (CEFR): minimum B2

Training agenda

Day 1	Welcome Health and safety Course documentation overview Introduction to the working environment Post-FAT system installation processes Tools and test equipment Transport and unloading, storage, unpacking, completeness of delivery Equipotential bonding & earthing concept Power supply requirements, coarse protection Conclusion
Day 2	Review Installation tasks at the equipment area - overview and requirements Cabinet installation tasks Cabinet equipment installation tasks Server and clients installation tasks Network installation tasks Equipment area cabling installation tasks Distribution frame cabling installation tasks Installation tasks at the operational area - overview and requirements Working position equipment installation tasks Working position cabling installation tasks Post-installation system inspection processes and troubleshooting Conclusion
Day 3	Review First start of the system - overview and requirements Earthing and securing of cabinets and working positions Power supply, mains, power distribution Post-installation system inspection processes and troubleshooting Power on Case studies and best practices (instructor guided) Summary and review Student assessment Assessment feedback Student feedback Student certification Course closure

