FREQUENTIS**TEC**
Technical Education Center

VCS3020X Maintainer Course (Level 0&1)

Target group	Location
Maintainers and system administrators	Customer site or Frequentis TEC (Vienna)
Language	**Max. number of participants**
English (unless otherwise agreed)	6
Duration	**Course ID**
3 days	AT0310

Participants will, through extensive practical exercises, learn how to perform scheduled and corrective system maintenance for VCS3020X up to level 1.

Course goals

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

〉 identify and describe the system components and their functions
〉 identify and rectify faults
〉 use standard and project-specific functions for radio and telephone communication

Knowledge

It is assumed that participants

〉 have a good understanding of written and spoken English
〉 have good knowledge of air traffic control and telecommunication basics
〉 have a basic understanding of the line characteristics/protocols of the used telephone lines
〉 have a basic understanding of the line characteristics/protocols of the used radio lines
〉 have a basic understanding of the topology of the local system environment
〉 have a basic understanding of IT routers and switches

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Qualifications

The following qualifications are necessary:

〉 English language level (CEFR): minimum B2
〉 Certified IP Telecom Network Specialist (CIPTS) certification or equivalent experience
〉 Linux Foundation Certified Engineer (LFCE) or equivalent experience

Training agenda

Day 1	Welcome	Health and safety	Course documentation overview	Introduction to the working environment	System architecture and services	OP overview	OP hands-on practice	System monitoring	Conclusion
Day 2	Review	Maintenance procedures	System administration	Conclusion
Day 3	Case studies and best practices (instructor guided)	Summary and review	Student assessment	Assessment feedback	Student feedback	Student certification	Course closure