



3020 LifeX Administrator Course

(Level 0&1)

Target group System administrators and technicians	Location Customer site or Frequentis TEC (Vienna)
Language English (unless otherwise agreed)	Max. number of participants 6
Duration 1 day	Course ID PS1210

Participants will, through extensive practical exercises, learn how to perform system administration including scheduled and corrective system administration tasks for 3020 LifeX up to level 1.

Course goals

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

- › understand the system capabilities of 3020 LifeX
- › identify and describe the system components and their functions
- › apply system administration tools to set specific system settings
- › identify and rectify faults
- › replace line replaceable units (LRUs) and put them back into service

Knowledge

It is assumed that participants

- › have successfully completed the 3020 LifeX Operator Course (PS1110) immediately prior to attending this course
- › have extensive knowledge of IT and telecommunication in a Public Safety working environment
- › have a good understanding of IP LAN & IP WAN infrastructure
- › have extensive knowledge of line characteristics/protocols of the media (radio, phone, etc.) gateways in use
- › have experience with Windows Server
- › have experience with Windows and Linux OS

- › have experience with system management and monitoring tools (ZABBIX, SNMP, etc.)
- › have good knowledge of VoIP (SIP, RTP)

Qualifications

The following qualifications are necessary:

- › English language level (CEFR): minimum B2
- › 3 years' engineering experience in IT and networking environments
- › Zabbix Network Monitoring Essentials certification or equivalent experience
- › MCSA Windows Server 2016 Certification or equivalent experience

Training agenda

Day 1	Welcome Health and safety Course documentation overview Introduction to the working environment Role/user integration into Active Directory Data management Configuration with LifeX Configurator Interconnection with third-party equipment Case studies and best practices (instructor guided) Summary and review Student assessment Assessment feedback Student feedback Student certification Course closure
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