# Distance Learning training
## technical requirements:

**PC or notebook:**
Minimum technical requirements:
Dual-core processor with 2GHz speed
RAM - 4GB
Hard Disk - 0,5 GB of free space on the disk
Supported operational systems:
MS Windows - Windows 11, Windows 10,
MacOS - one of the latest system versions;
Linux – all popular and updated distributions

**Microphone, speakers** – built into laptop
or external, for example USB or headset.

**Internet camera**
– build into laptop or USB camera.

**Internet browser** supporting HTML 5
(we recommend the latest versions of Google
Chrome, Edge, Mozilla Firefox, Safari, Opera).

**Monitor/Screen** at least 14" with Full
HD resolution. In case of technical
trainings we recommend using two
displays – it may either be additional
monitor or TV set connected to
computer. You can start videoconference
session and display the content shared
by trainer on one hardware (for example
latptop or monitor), while on the second
one do exercises in your own personal
software or online environment shared
by Altkom Akademia.

**Stable Internet connection** (stable
or wireless - LTE/4G) with bandwidth
enabling comfortable learning and fun.

In most technical trainings we share
lab environments. If they are in a given
training, they will be shared via „Remote
Desktop" (RDP protocol), WWW or VNC.

If there are any questions concerning technical capacities or questions related to a necessity
to connect with laboratory environment, please contact Sales Representative or dedicated IT
support specialist.

WARNING! Usually to connect with environment it is required to have Internet
access with ports from the range of 40000 to 60000 and standard RDP 3389
protocol port. To check if the ports are opened, you may enter the website
http://portquiz.net and in a web address write port's number after the colon,
for example: http://portquiz.net:3389 or http://portquiz.net:34151.

After entering these addresses, websites should be displayed. The limitations
in access may occur in corporate networks and when the computer is connected
via VPN with such network. If despite unblocked ports the problem still persists,
disconnect VPN and check again the connection with Remote Desktop or use
other computer.

If access to ports is blocked and/or the solutions mentioned above failed,
you should contact IT department in your company.

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