

Technical requirements ESS R11 suite of data collection tools

Version 1.0, March 2022

Technical Requirements for the server hosting the SampleCTRL and the database

- Operating systems:
 - Windows Server > 2016 (or 2012 with extended support)
 - Stable Linux version (Debian/Ubuntu)
- Software stack:
 - Apache 2.4 (web server)
 - MySQL/MariaDB > 8.0 (database server)
 - 2GB minimum memory for Linux/4GB minimum memory for Windows
 - PHP > 8.1
- 80GB free hard drive disk for data
- The database should use unique credentials and only be accessible by the webserver server
- Appropriate backup system, including daily offsite backups of database (encrypted)
- Up-to-date professional firewall
- Up-to-date professional antivirus software
- Preferably a dedicated host for the SampleCTRL installation and storage of the database (located in a specifically secured server room)
- Preferably a separate secure log server

Technical Requirements for interviewer laptops

- Windows 10 operating system
(no Linux, Macintosh or other Windows operating systems can be supported)
- IE edge
- .Net framework 4.7
- Processor dual core 2GHz or higher (I5 or higher recommended)
- SSD hard drive
- Absolute minimum of 4 GB RAM
- Minimum of 20 GB Free disk space
- A screen resolution of at least 1280 x 768 pixels
- A broadband internet connection for data transfers (recommended for each interviewer laptop)
- All laptops must have a hard drive encryption on an operating system level
- Firewall
- Up-to-date professional antivirus software on each laptop

Technical requirements for Android tablets

- Minimum Android 10 (still maintained)
- Absolute minimum of 2GB ram
- Processor CPU 1.6GHz or higher
- A screen size of 10 inch or higher (smaller sizes not supported)
- Tablet should support storage encryption and this option should be enabled

In case of any expected deviations, please contact Centerdata