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# PC-MINIMUM REQUIREMENTS

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## UC-Analytics, AlwinPro UC-Edition and AlwinPro Hotel

The software AlwinPro UC -Edition, UC -Analytics by aurenz and AlwinPro Hotel can be installed on an appropriate PC or server.

In order to prepare and organise the relevant hardware, the following minimum requirements should be considered as an orientation value. These minimum requirements depend on the volume of data to be processed, that is the amount of call volume as well as the desired processing and report performance. The rule of thumb for memory requirements is that 100.000 data records correspond to approximately 100MB.

### Minimum requirements regardless of the number of extensions

- Screen resolution minimum 1024x768 pixels
- Current Internet Browser

### Minimum requirements for installations up to 1.000 subscribers

- Operating system: Windows 7/8/10 professional, Windows server 2008 R2, Windows server 2012 R2 or Windows server 2016/2019
- Guide value CPU: current CPU, minimum 2 cores, recommended 2.2 GHz or higher
- RAM: 2 GB RAM
- Hard Drive capacity 16 GB

### Minimum requirements for installations up to 20.000 subscribers

- Operating system: Windows server 2012 R2 or Windows server 2016/2019
- Guide value CPU: current CPU, minimum 4 cores, recommended 2.8 GHz or higher
- RAM: 8 GB RAM
- Hard disk capacity and type: 80GB Enterprise SAS (10.000rpm) or Enterprise SSD

### Minimum requirements for installations up to 50.000 subscribers

- Operating system: Windows server 2012 R2 or Windows server 2016/2019
- Guide value CPU: current CPU, minimum 4 cores, recommended 3.2 GHz or higher
- RAM: 8 GB RAM
- Hard disk capacity and type: 160GB Enterprise SAS (10.000rpm) or Enterprise SSD

For the daily online license check, an internet connection (https) to the domain service.aurenz.de via port 443 is necessary. The resources mentioned above must be reserved for the respective software solution.

The necessary hardware is not part of the aurenz GmbH delivery service. If necessary, please contact your local ITC dealer with your specific request.

## AlwinPro Care multi-user installations

For installations with multiple client workstations, we recommend setting up the system as a terminal server. The following conditions must be ensured:

- To be able to connect to chip-card events through the multi-user stations, it is required that the corresponding application of the workstations is automatically started by auto start (after restart, login). Group policies or security restrictions must take this into consideration.
- In addition, it must be ensured that this application can communicate with the billing server via TCP / IP (port is freely configurable). A firewall, virus scanner, or network monitoring systems must be configured accordingly.
- The accounting server must be able to read the environment variables.
- To provide Microsoft Remote Desktop Services (RDS, formerly Terminal Server), RDS User CALs or RDS Device CALs are required for each workstation (user or device) from which it is accessed. Please inform yourself about the corresponding Microsoft license terms and license models.

## Hardware requirements

- Windows server 2012 R2 or Windows server 2016/2019 at least 8 GB RAM for 2 Terminal server-clients
- Guide value CPU: current CPU, minimum 4 cores, recommended 2.8 GHz or higher
- 160 GB hard disk capacity

## Exclusion of liability

The analyses and evaluations made with the help of our software products are based on the connection data transmitted by the TC system. When testing various telecommunication systems, it has been found that in some cases insufficient data is provided. The liability of aurenz GmbH for the completeness, actuality and correctness of the connection data transmitted by the TC system used by the licensee is excluded. You can get detailed information about different TC systems at [support@aurenz.de](mailto:support@aurenz.de). Please be aware of technical changes and further developments at any time. This information is based on the current release.



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