New features in WLZENT03 and CPC3 – what you need to know!

The new WL Professional central units WLZent03 and CPC3 contain some significant changes compared to the previous models, knowledge of which is essential for correct operation and correct function. **Failure to observe this can and will lead to data loss and malfunction.**

1   New data storage concept

The familiar SD card in WLZENT03 and CPC3 is only used to store the operating system (OS). The configuration and all other data of the WL-Professional software are stored on the USB stick. Both storage media are only written to at certain times in order to minimize write access and increase their lifespan. Consequences:

- Operating system settings are only saved in maintenance mode (see section 2 below);

- WL-Pro data is saved every 4 hours or manually.

- The USB stick must be ejected from the operating system before being removed (see operating instructions for WLZENT, chapter 5.3.1 or CPC, chapter 10.2). Failure to do so may result in data loss.

- After a power failure/restart, settings and WL-Pro data are loaded from the SC card and USB stick. Due to the 4-hour interval for automatic saving, up to a maximum of 4 hours of recorded data can be lost.

  Here's how to trigger the **immediate saving of WL-Pro data** to the USB stick:

- Click on Start menu -> "Sonstige -> Restart" (instant backup and system restart)

- Click on Start menu -> "Sonstige -> WLPro Instant Backup" (instant backup only)

Important: One of these actions should be carried out immediately after clicking on "Save" in the WL-Pro software, i.e. at the latest when commissioning has been completed. **This is the only way to ensure that the system retains all settings after restarting in the event of a power failure** or a routine power shutdown due to construction work. Failure to do so could result in data loss.

2   Changing operating system settings (OS)

The operating system has two different operating modes A **Read-Only-Mode** 🔴 (for normal operation) and a **Read-Write-Mode** 🔽 for **maintenance mode**. Write access to the SD card, on which the OS settings are also saved, **only takes place in read-write mode**. This restriction is to protect the SD card in favour of a longer service life and protection against manipulation of the operating system. Consequences:

- If you want to make permanent OS settings, you must **first switch the system to read-write mode and then switch back to read-only mode.** More on this in the operating instructions for **WLZENT: Chapter 6 or CPC: Chapter 7.**
- **Settings made in read-only mode will be lost** at the latest when the system is next restarted and will be replaced by the previous settings loaded from the SD card.

To switch the system to maintenance mode click „**Start → Sonstige → MaintenanceMode**". The system will reboot and switch to Read-Write-Mode (shown by the Icon 🔽 on the Desktop). Now make your settings. Then click „**Start → Sonstige → ExitMaintenanceMode**". The system will reboot and is then turned to Read-Only-Mode again, shown by the Icon 🔴 on the Desktop.

Tip: In maintenance mode, the "WLX Settings" app is available under "Start menu -> Sonstige" in addition to various settings apps, with which you can change the settings for the screen saver and firewall and set a new password.

3   Right-click not applicable

The usual right-click to open context menus **in the WL-Pro software** is no longer available. Instead of the right-click, all views in which a right-click used to open a context menu for one or more selected objects (groups, luminaires, ...) now offer a **special button** [···] at the top right that opens the context menu. Select the desired object with **a left-click and click** [···] to open the context menu and select the desired action. More in the **WirelessProfessional software manual, chapter 1.3.4.**

Background: The manufacturer was forced to take this measure because support for right-clicking and/or alternative gestures within applications in Linux is not handled uniformly and threatened to make a clear operating concept impossible or unmaintainable.

4   Multi-select ob objects

Some views allow the selection of several objects (e.g. luminaires) for a joint action. These views now offer the multiple selection button [icon] at the top right. This engages or disengages when tapped. As long as it is engaged, you can select multiple objects by tapping them one after the other. **More on this in the WirelessProfessional software manual, chapter 1.3.2.**

5   WL-Pro-Software-Updates

Software updates for the Linux operating system and the WL-Pro software are carried out automatically via the Internet. The WLZent or the CPC automatically checks for updates once a week (Sundays, 02:00), downloads them automatically and installs them.

This update process does not require any manual intervention.

Important: An Internet connection is absolutely essential for this check and for the update itself. It may be necessary for your IT administrator to authorise the update server in the firewall.

6   Import of Data of legacy systems

Information on importing legacy system data to a WLZENT03 or a CPC3 can be found in the **WirelessProfessional software manual, chapter 17.**

Note: The import of project data/WL Pro user data is supported. The Linux configuration data is not transferred.

7   Long-Term-Backups

The system automatically saves a backup of the WL software on the 1st and 15th of each month. 24 backups are always saved for the previous 12 months. For details, see the **operating instructions for WLZENT, chapter 24, or CPC, chapter 10.**