



SOFTWARE UPDATE NOTIFICATION FOR **ChemProX Software Version 3.0.0**

Dear Environics partner,

As a part of the ChemProX product support we release software updates to ensure the users have the best and most up-to-date chemical detector at their disposal. These updates can contain detection mode updates, functionality updates and more.

We have now released **software update version 3.0.0**, that includes the following updates for ChemProX:

- Radiation simulation & training features
- Radio data improvements – Battery charge information
- CCT visual improvements and quality of life updates
- Keypad unlock with PIN code / automatic keypad lock
- German language support
- Improved stability

See below for further details regarding the new features. Please also refer to the ChemProX User & Maintenance Manual for further information about the updated features.

To get the latest software update and to install it in ChemProX follow these simple steps:

1. go to address update.environics.fi with your web browser.
2. Enter ChemProX serial number and security code. For the information where to find serial number and security code press ?-button. By pressing the +-button you can enter information for multiple devices
3. Press check- button. Update station will tell you if you have updates available for your devices. You will also see release notes that tell you what is new in this update.
4. Download the update file to your computer
5. Put the update file into USB-stick in root folder
6. Connect USB-stick into ChemProX with USB Connector Cable (Standard accessory)
7. USB-menu will open automatically. Select "Import/Install" → "Install Update"
8. Select the update file and let the update process run through
9. You have now updated your ChemProX!

If you have any questions regarding the update or update process, please don't hesitate to ask.

Radiation Simulation and Training Features

The training mode of ChemProX has been expanded with the radiation simulation features. The expanded training features allow safe and simple training of the ChemProX add-on, Radiation Detector Module (RDM). Like chemical Bluetooth simulation sources, three sources of different intensities have also been developed for radiation simulation and training. The sources have been designed to simulate following nuclides/isotopes and activities:

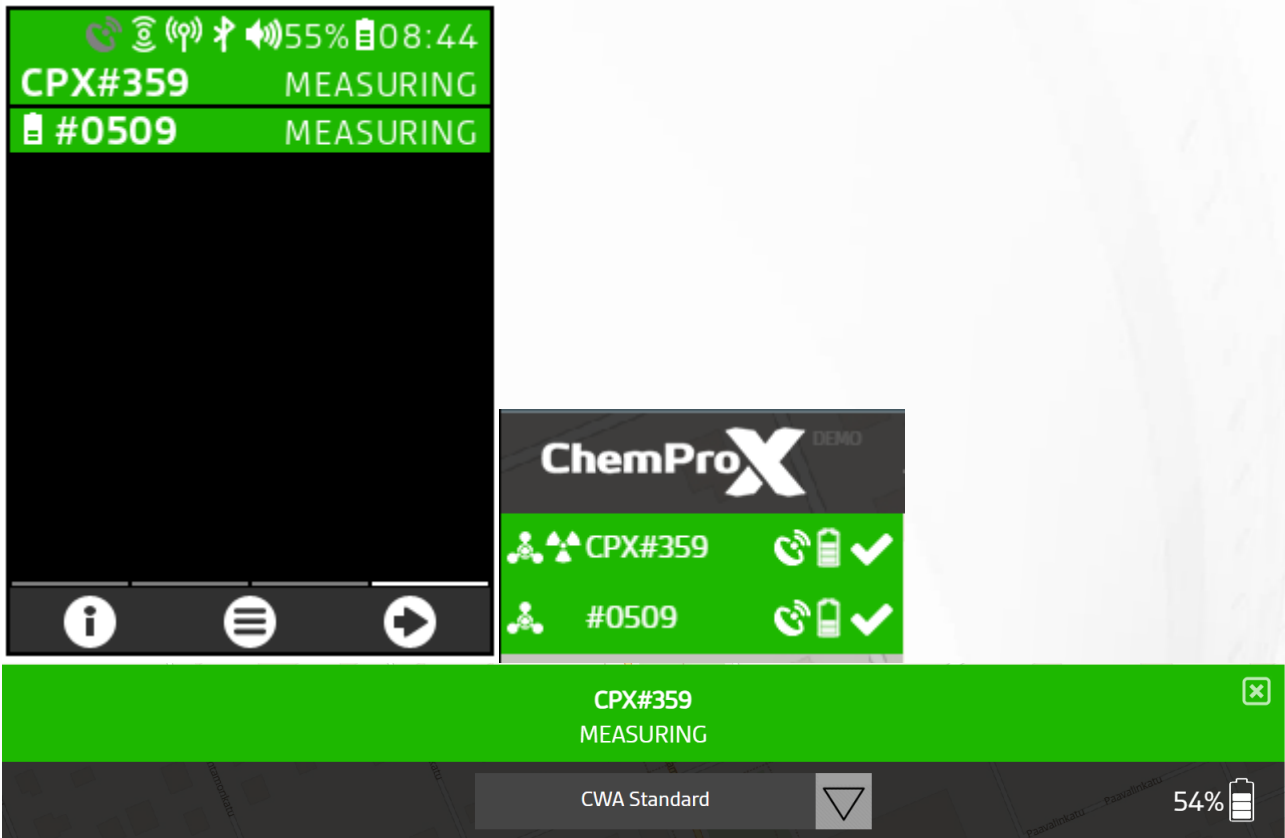
- Small (TC-99m, 400 MBq) – range up to approx. 10 meters
- Medium (Cs-137, 16 GBq) – range up to approx. 30 meters
- Large (Co-60, 82 GBq) – range up to approx. 50 meters

The radiation simulation relies on the already familiar and reliable Bluetooth Low Energy (BLE) sources and works seamlessly with the ChemProX training mode. Please note that the Radiation Detector Module must be connected to ChemProX for the radiation simulation sources to work.



Radio Data Improvements – Battery Charge Information

The information shared over the radio data has been expanded. The battery charge information is now shared over the radio data. With the new software update, the users can see the battery charge of all the detectors operating on the same radio channel. This information is shown on both the detector user interface and on the CCT. The battery charge of the detectors on the user interface is displayed with a simple battery bar indicator. On CCT, the exact battery charge percentage is displayed.



CCT Visual Improvements and Quality of Life Updates

The appearance and user interface of the CCT has been improved. In addition to earlier mentioned battery charge information additions, some elements that make the experience clearer and better have been added to the CCT.

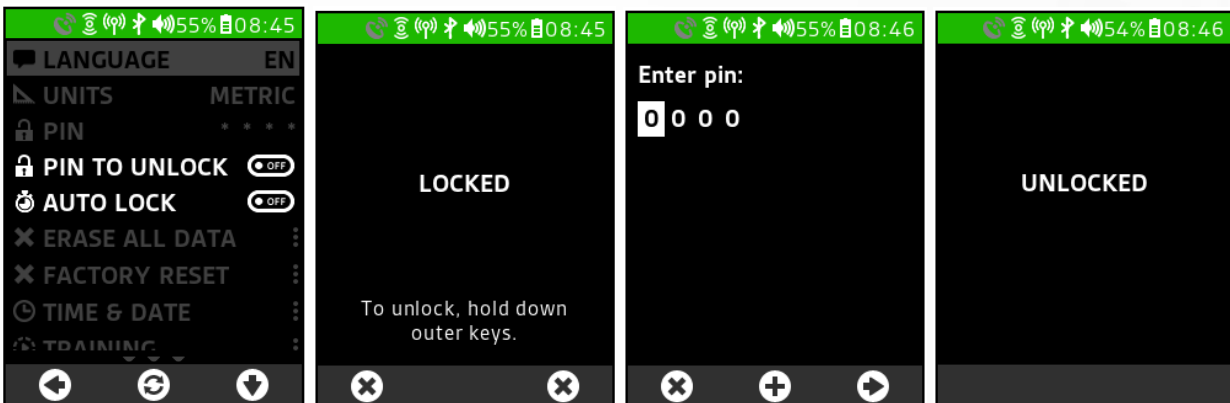
The placements of some of the text elements (trend, dose rate, dose) in the trend window have been adjusted so that it is now clearer which text / value refers to which trend line, especially when the RDM is connected to ChemProX. Additionally, the trend graphs now have symbols that indicate which threat (chemical or radiation) each trend is measuring. The color of symbol changes based on the status of the detector (OK, alarm, fault).



Keypad Unlock with PIN Code & Automatic Keypad Lock

Two new features regarding the safety and use of the detector have been added. It is now possible to enable PIN code lock for the detector's keypad. The keypad of the detector can be locked by holding down the right and left button for approx. 3 seconds. The keypad lock is designed to prevent accidental button presses, or to prevent unintended use of the detector. Enabling "PIN TO UNLOCK" from the advanced settings adds PIN code protection for unlocking the keypad. The PIN code is the same that is used to access advanced settings. The PIN code can be changed.

The other added feature is also related to PIN code protected keypad unlock. When enabling "AUTO LOCK" in the advanced settings and the screen saver option is enabled, the keypad lock together with PIN code is activated automatically when the screen saver is activated.



German Language Support

The user interface of ChemProX has now been fully translated to support the German language. If there is a requirement to have the user interface translated to your local language, please do not hesitate to contact Bertin Environics.

