

IEDScout

## What's New in Version 5.0

Compared to Version 4.20



It's great to see IEDScout using all the advantages of our new MBX1.

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Not being forced to connect your everyday working laptop to the substation network is a big benefit for cyber security.

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## 1 Introduction

*IEDScout* is a versatile software tool for working with IEC 61850 devices. With Version 5.0, *IEDScout* offers a new level of cyber security and powerful simulation utilizing the new MBX1/RBX1 hardware.

## 2 Secure connection

With *IEDScout* on the MBX1/RBX1, it is no longer necessary to connect your PC directly to the substation network and change your network settings to make it work. Connect the PC directly to the MBX1/RBX1 control port and the MBX1/RBX1 station ports to your substation network to browse, simulate or sniff with *IEDScout*. When connected, the MBX1/RBX1 serial number is displayed on the right side of the footer bar.

**Note:** Refer to the *IEDScout* Help for more information about the MBX1/RBX1 cyber security features.

## 3 Powerful simulation

Setting up an IED simulation is now faster than ever: Import your SCL file and *IEDScout* will automatically configure IP and port settings. Select the MBX1/RBX1 network ports to use and you are ready to go. The simulation runs on the powerful MBX1/RBX1 hardware and does not affect the performance of your PC anymore.

**Note:** When using the MBX1/RBX1, the file transfer service is not supported for simulated IEDs.

## 4 Easy license sharing

When using *IEDScout* with the MBX1/RBX1, the software license is stored on the device, so wherever the MBX1/RBX1 device goes, the *IEDScout* license is already there.

**Note:** Only one *IEDScout* installation at a time can use an MBX1/RBX1 device.

## 5 Other improvements

- *IEDScout* now supports function-related naming for logical devices
- The icon set has been updated to provide a smooth user experience when used together with *StationScout/StationGuard*.
- When writing data to an IED, *IEDScout* will now automatically update the "t" attribute of the data object.
- Improved screen scaling for better readability on high resolution screens.
- License information is now available in the configuration dialog.
- OMICRON's IEC 61850 library has been updated to include the latest developments in standardization and improve interoperability.
- The usability of *IEDScout* is continuously improved based on expert reviews and customer feedback.
- Several smaller tweaks and bug fixes improve overall performance and stability.