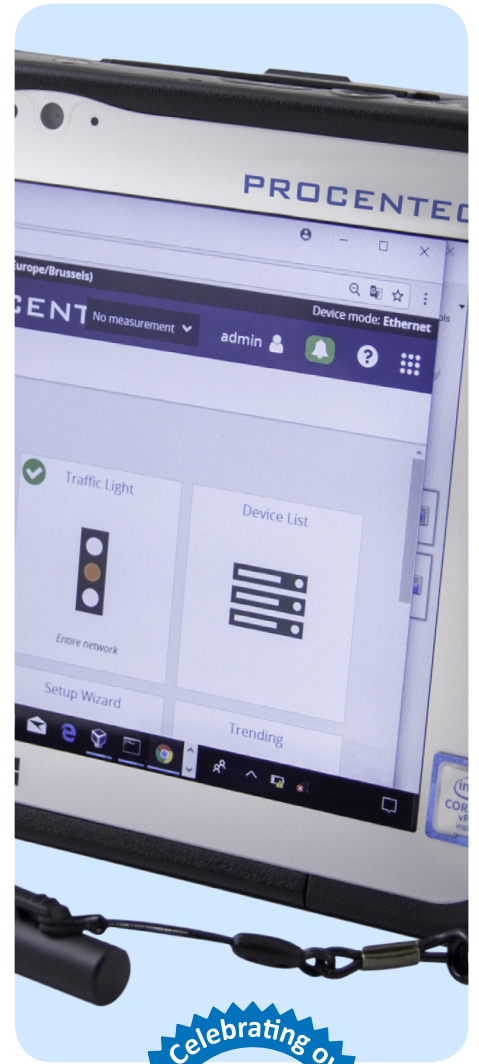


# PROCENTEC



# Mercury

Mobile, multi-protocol diagnostics for all environments

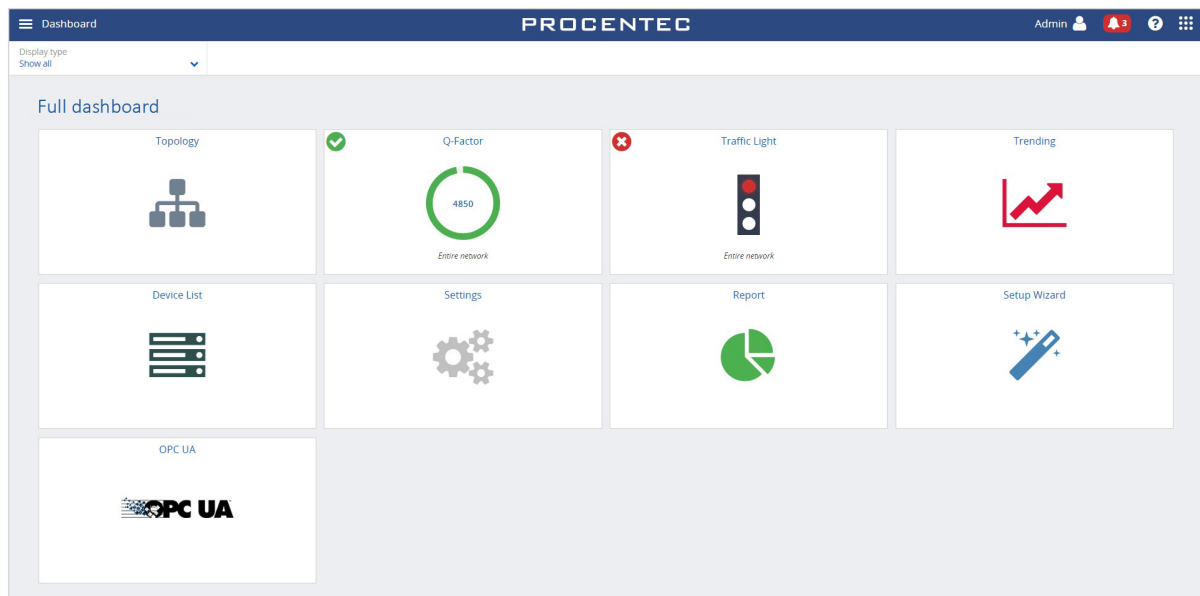




## Mercury

The PROCENEC Mercury is a robust tablet which features our new cross platform software package. This device is perfect for troubleshooting, maintenance and monitoring Industrial Ethernet and PROFIBUS networks, through in-the-field-use of our software. The PROCENEC Mercury enables you to gain insight into the health and possible faults in your industrial network. While developing this innovative product, the user was, and remains, the first focus. This means the PROCENEC Mercury offers remote and wireless connection, and mobility anywhere and anyplace.

The PROCENEC Mercury is based on the same software as the PROCENEC Atlas for Industrial Ethernet diagnostics and therefore offers the same Ease-of-Use and intuitive user interface. When combining the PROCENEC Mercury with PROCENEC ProfiTrace, it offers a new software package for troubleshooting PROFIBUS networks.



## Product features

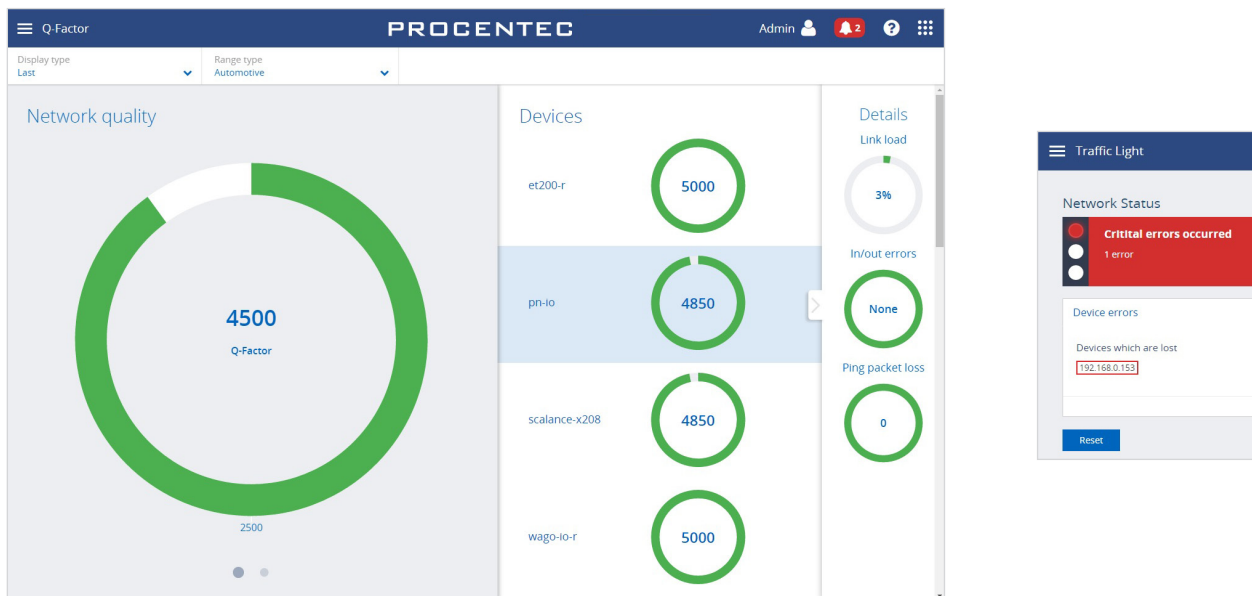
- Portable device
- WiFi and Bluetooth connection
- Pre-installed software
- Can be connected remotely



## Industrial Ethernet Diagnostics

When the PROCENTEC Mercury is plugged into an Industrial Ethernet network, it creates a clear overview of all devices and how they are connected in the network, such as the topology. This topology can be viewed in the galaxy view or hierarchic tree view. Significant information about a device or connection will appear in the topology by clicking on it. This data is collected conform the NAMUR NE 107 standard. A device list and alarm list that can be exported as CSV files, make it easier to document or further analysis of the network.

Collecting information about the quality of the network is important, but very complicated in most tools. The PROCENTEC Mercury provides this information in an easy way through the Q-Factor (Quality Factor). This feature can be found on the dashboard and works with a weighted algorithm to score the quality of the network. The Q-Factor can be shown in different ways; from 0 to 5000, according to the automotive standard, or from 0 to 100% as a relative display of the quality of the network. A simpler overview can also be provided through the traffic light feature, which can show the status in three colors.



## Industrial Ethernet features

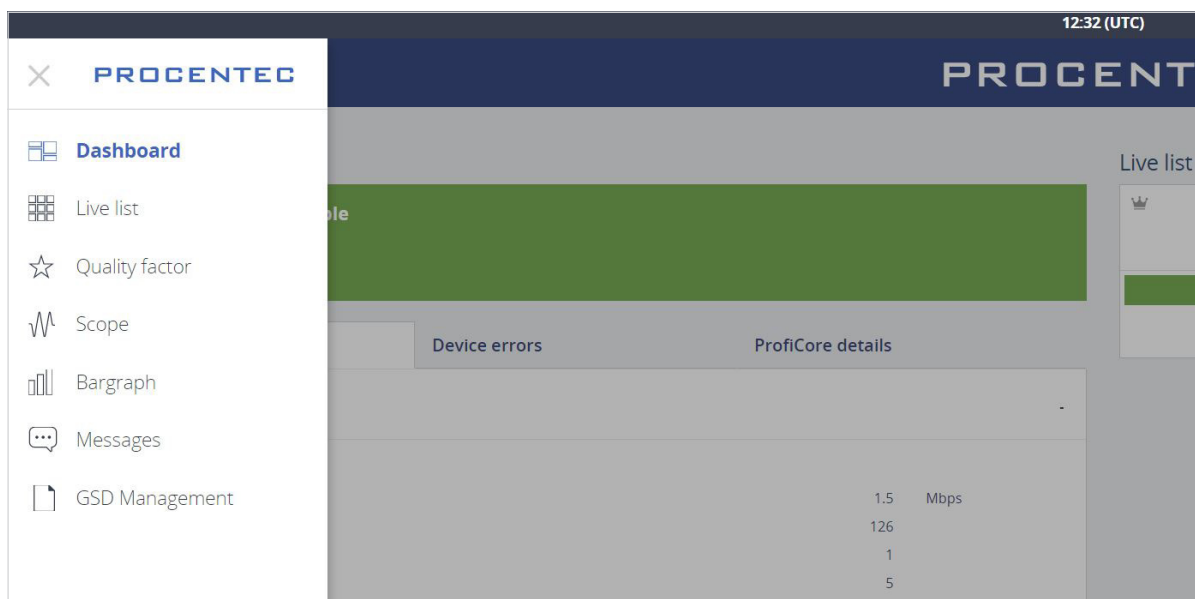
- Topology: galaxy or tree view
- Dynamic interactions for complete overview
- Device connections, with NAMUR status
- Device information
- Network scoring mechanism
- Traffic light feature
- Customizable dashboard



## PROFIBUS Diagnostics

When the PROCENTEC Mercury is plugged into a PROFIBUS network, it works with the same software as our ProfiTrace toolkits in order to analyze the network. The PROCENTEC Mercury is very easy to use and it combines all required elements to detect PROFIBUS faults. Typical PROFIBUS failures such as noise, reflections, voltage drops, termination problems, double addresses, wire breaks and configuration faults are quickly identified. By being able to identify faults quicker, they are usually also resolved quicker, which leads to minimization of expensive downtime in your installation.

Similar with Industrial Ethernet, collecting information about a PROFIBUS network is very important. To collect this information, the ProfiCore, which is part of our ProfiTrace, is used. Customers who already own a ProfiCore can use it with the PROCENTEC Mercury as well. With the built-in oscilloscope, noise, reflections, and termination problems can be detected. Messages can be recorded and a Live List continuously lists all the available devices. Additionally, a network condition indicator shows the condition of the installation, without doing any difficult tasks.



## PROFIBUS features

- Busmonitor for DP and PA with powerful statistics
- Oscilloscope
- Topology scan
- Bar graph
- Reporting
- Traffic light feature



## Your benefits

- Portable device, multiple connection methods.
- User friendly
- Pre-installed software
- Ready to use immediately
- Can be connected remotely
- Mobility
- Diagnostics for all your Industrial Ethernet and PROFIBUS networks in your facility





## Complete service portfolio

PROCENTEC offers you a complete range of services to support you as a user or supplier of fieldbus technology. Our experts with their PROFIBUS and PROFINET knowledge excel within their field of work, so rest assured that you will receive the optimal solution. We are an official PROFIBUS International Competence Center (PICC), in addition to a PROFIBUS International Training Center (PITC) and a PROFIBUS International Test Lab (PITL). A huge bundle of expertise is therefore at your disposal!

### Support

Our PROCENTEC Support Engineers live to solve any network problem you might have. In case of emergency, call the support hotline: +31 (0)6 100 742 76. Our engineers are equipped with a wealth of specialist knowledge and all necessary tools. They will gladly help you with:

- On-site and online support
- Network audits
- Network certifications
- Consultancy
- Product certifications

### Training

As a PITC we give training courses at our offices, though we also teach on-site anywhere in the world. Our goal is to give technicians that extra set of skills to professionally use PROFIBUS and PROFINET. Also supervisory staff can use the acquired knowledge to organize and execute projects more efficiently, so the system's entire life cycle is optimized. We offer the following courses:

- PROFIBUS or PROFINET Troubleshooting & Maintenance
- Certified PROFIBUS or PROFINET Installer
- Certified PROFIBUS (DP/ PA) or PROFINET Engineer

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