TECH NOTE :: WTX Progressive Web Application (PWA) Quickstart
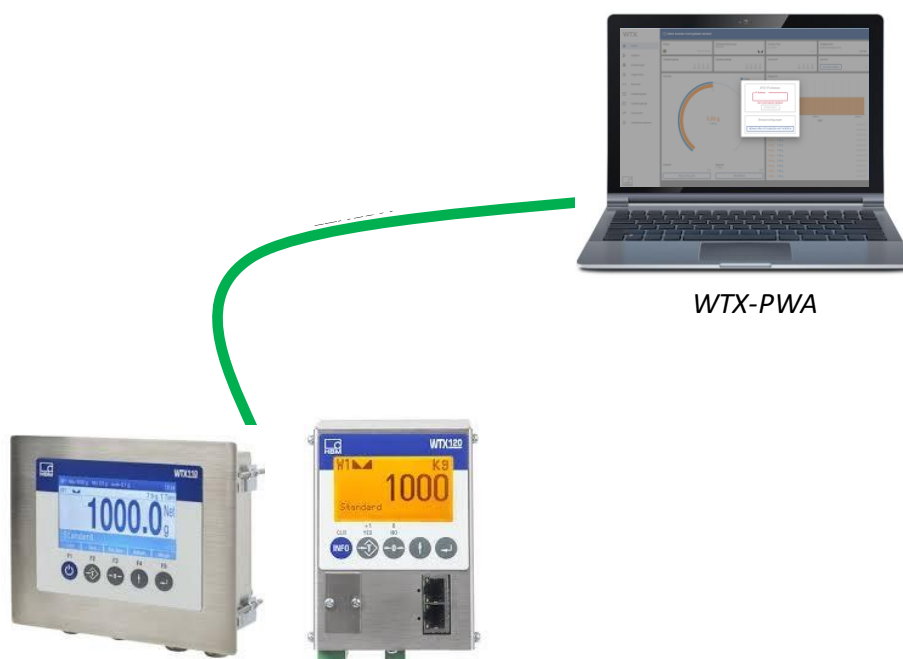
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Brief description

These are quick instructions for commissioning the weighing terminal of the WTX110 and WTX120 series with the WTX-PWA (Progressive Web Application). The PWA is a web-based user interface for WTX devices and runs in the browser of the host PC or server.

The connection is established via an encrypted (https) Ethernet connection, is therefore secure and can be operated in a machine / factory network or via the Internet. This enables remote setting and operation of the WTX devices.

The PWA offers a quick overview and intuitive operation of the WTX devices. With version 1.0, only the basic functions such as measured value display, sensor scaling, limit values and digital outputs are implemented.

WTX-PWA

System requirements

- WTX firmware> = v2.0.1
- WTX with a valid SSL certificate (if necessary under Service mode -> Update network!)
- Browser: Chrome, Edge, Firefox - OS: Windows, Linux, Android, (iOS)

Note:

The host PC or server must have an existing internet connection to download and install the PWA in the browser. As soon as the installation is complete, the PWA runs automatically in the browser even without an Internet connection.

Connect

Enter this address in the line of your browser or use the link to establish the connection to the PWA:
https://wtx-setup.hbm.com

Then enter the IP address of the WTX that is connected to the host PC in the following dialog and click on "Connect". An address scan is not available.

WTX IP-Adresse:

IP-Adresse

192.168.100.88

VERBINDEN

Install certificate

The valid certificate of the WTX must be downloaded once to the host PC and installed.
To do this, follow the instructions of the certificate-wizard.

Note:

The certificate is valid for all WTX devices. (Warning: Firefox uses its own certificate store!)

Fehler

Keine Verbindung zum Gerät möglich. Haben Sie das HBM-Zertifikat bereits installiert? Falls nicht, downloaden und installieren Sie dies zuerst. Andernfalls kann keine sichere Verbindung zum Gerät hergestellt werden!
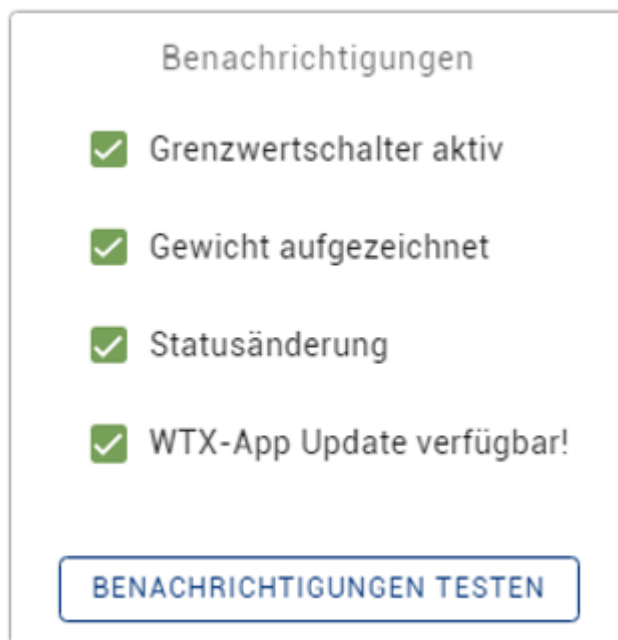
Chrome

Windows

DOWNLOAD HBM-ZERTIFIKAT   NEU LADEN

Notifications

The PWA can optionally signal various status changes of the WTX via notifications.

To do this, notifications must be permitted via the browser and the corresponding notifications must be activated in the PWA:

Install PWA

The PWA is installed using the arrow at the top right. The language for the installation can be set by clicking the globe symbol. After completing the installation, the host PC can be disconnected from the Internet.

Disclaimer

These examples are for illustrative purposes only. They cannot be used as the basis for any warranty or liability claims.