



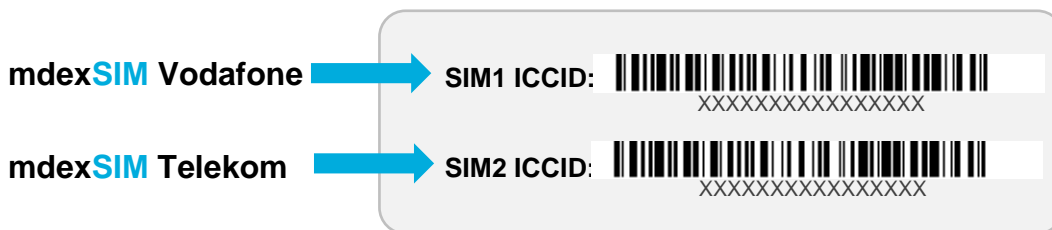
# Quick Start

## MX880 with mdexSIM

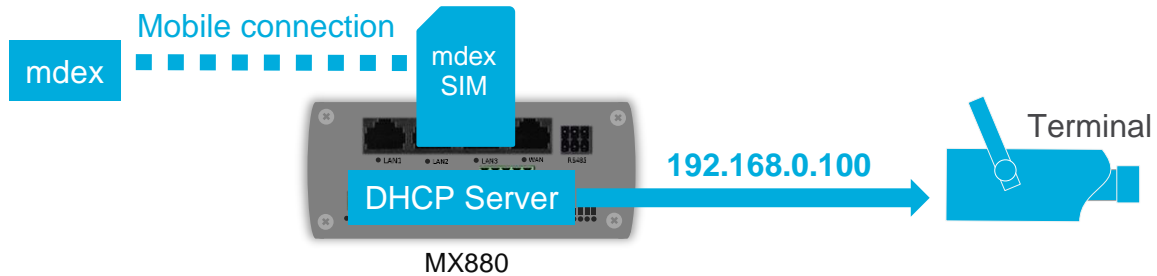
This Quick Start Guide describes how to easily start-up the MX880 for remote access to a connected terminal device when using the pre-installed **mdexSIM**.

### MX880 preconfiguration

There are already two **mdexSIM** cards preinstalled in the MX880.  
The respective **SIM ICCID** can be found on the label of the box or underneath the router:

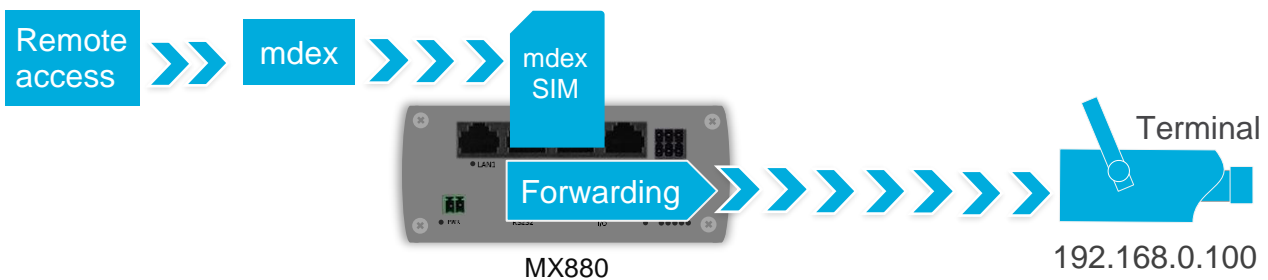


The MX880 assigns the terminal device the IP address **192.168.0.100** via DHCP.  
The mobile connection to mdex is established with the **mdexSIM Vodafone (SIM1)**.



**!** When using **mdexSIM Telekom (SIM2)** please note **Step 4** (Page 3).

The forwarding to the terminal device 192.168.0.100 is preset for remote access.



## Step 1

# Unlock mdexSIM


The respective **mdexSIM** must be unlocked for use.

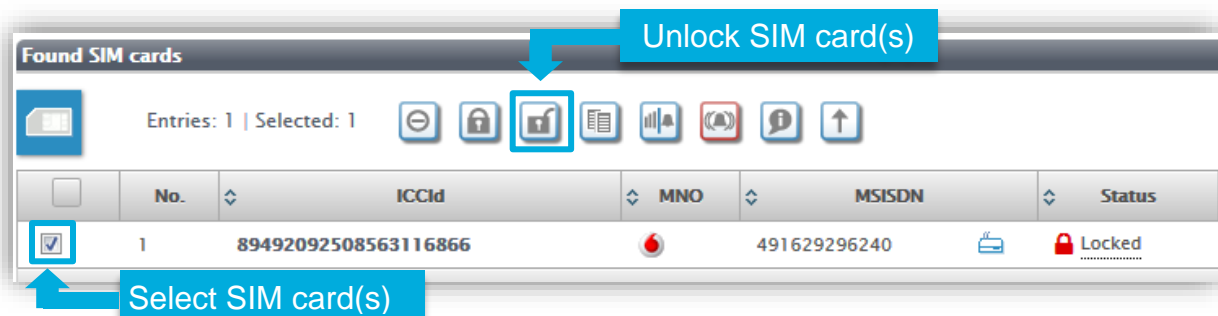
- i** There are already two mdex SIM cards preinstalled in the MX880.
- The tariff for the desired SIM card must have been ordered from mdex.
  - The ICCIDs of the preinstalled SIM cards are located on the router label.  
**SIM1: mdexSIM Vodafone**      **SIM2: mdexSIM Telekom**

### Unlock SIM card:

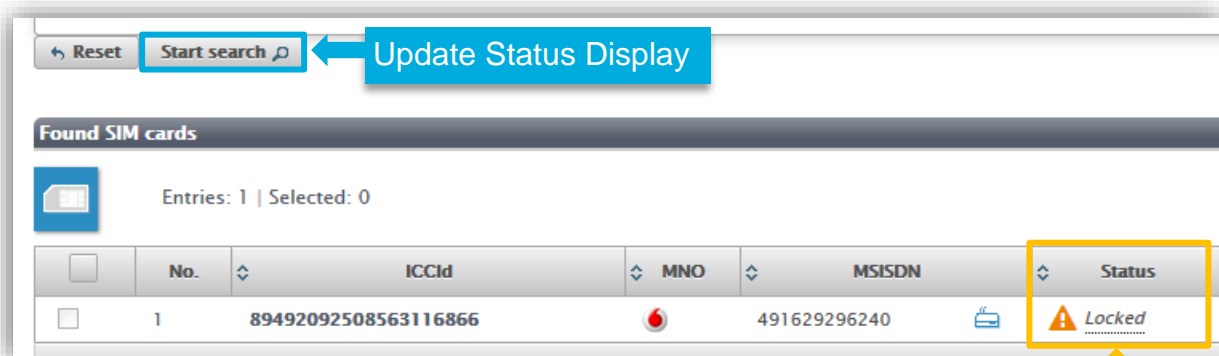
1. Log into **mdex Management Portal** at <https://manager.mdex.de> and click on **SIM Cards** → **Locked SIM Cards**.  
(Your login access data have been sent to you via email.)



2. Check the SIM card(s) and click on the icon  (Unlock SIM cards)



3. Follow the instructions on the portal to unlock the SIM card(s) and then click on **Back to the Search** button.
4. Full unlocking of the SIM card can take up to 20 minutes. After a few minutes, check the SIM card status by clicking on **Start Search** button.

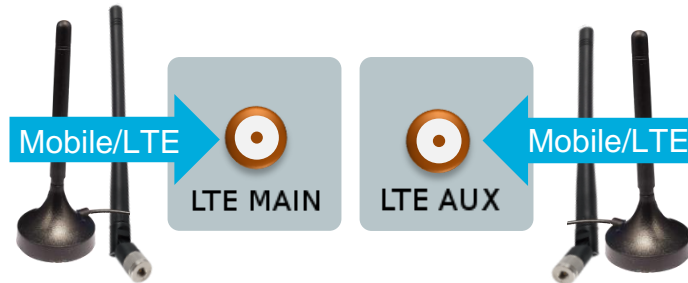


- !** As long as the status **! Locked** is displayed, the process is still in progress. To update the status display, click on **Start Search** button again. As soon as the status **✓ Enabled** is displayed, the SIM card is ready for use.

## Step 2

### Connect mobile antenna(s)

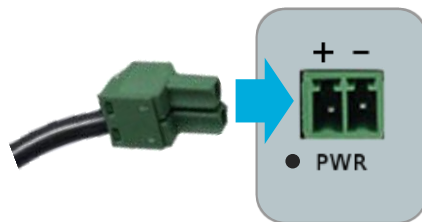
The mobile antenna (Mobile/LTE) with articulated joint or magnetic base antennas must be connected to **LTE MAIN** (Main Antenna) and to **LTE AUX** (in order to increase LTE download rate).



## Step 3

### Connect the power supply

Plug the router connector of the plug-in power supply into the PWR socket on the router.



## Step 4



### Establishing the mobile connection


The MX880 establishes a mobile connection with **mdexSIM Vodafone** (SIM1).

**!** To use the **mdexSIM Telekom** (SIM2) the following settings are required:

1. Log into the web interface of the MX880.
2. Click on the Network → **Mobile (SIM)**, then at the top click on **SIM Management**.
3. Set the **Primary SIM card** to **SIM 2** and click on **Save**.

As soon as the Status-LED  lights up (or flickers), the mobile data connection is established:

 **green**: 4G connection     **orange**: 3G connection     **red**: 2G connection

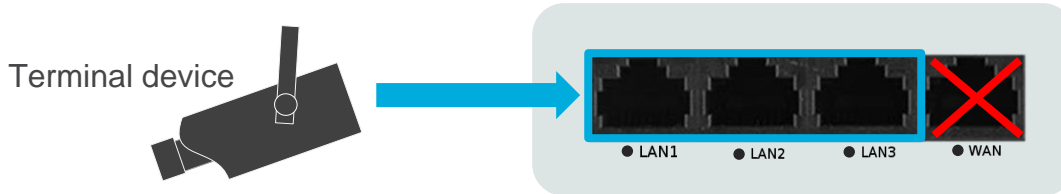
The signal strength of the mobile network is displayed with .

**i** For more information about the status display and signal strength, refer to the **MX880 Setup Guide** at Section "**Connection Status and Signal Strength**".

## Step 5

# Connect the terminal device

Connect the terminal device to the **LAN1**, **LAN2** or **LAN3** socket of the MX880. The WAN port is not intended for the connection of terminal devices!



The terminal device can be set to '**Obtain an IP address automatically**', in which case the MX880's DHCP server automatically assigns the IP address 192.168.0.100.

**⚠ The MX880's DHCP server is preconfigured to assign only one IP address (192.168.0.100).**

This IP address remains reserved for another 5 minutes after the terminal device has been removed. Remove all terminal devices (e.g. your PC) from the MX880 Router and wait at least 5 minutes (or restart the MX880) before connecting the terminal device of your choice to the MX880.

Alternatively, the IP address 192.168.0.100 can also be set permanently in the terminal device.

All incoming data packets to the MX880 are forwarded by default to the connected terminal devices with the IP address **192.168.0.100**.

**i** To connect multiple terminal devices, refer to **MX880 Setup Guide** in the Section "**Connecting terminal devices**".

## The quick setup is complete.

The router and the connected terminal devices are now accessible via the mobile network with the respective IP service.

**mdex fixed.IP+:** Remote access is via **web.direct** or **Control Centre Tunnel** (optional).

**mdex public.IP:** Remote access is via the fixed public IP address.

**i** For more information on setting up the MX880 or using the respective mdex IP service, please refer to the **MX880 Setup Guide** or the mdex Support page at <https://wiki.mdex.de>.