Pixsys Portal – User Guide for HMI

The PixsysPortal service allows the secure connection, via VPN, of Pixsys operator panels based on the Windows CE operating system (TD410-710-810-820-830 models) from any computer with Windows 8.1, 10, 11 (Windows 7 is not supported).

PRE-REQUISITES:

The PixsysPortal service provides that the devices are connected, and properly configured, to a LAN with Internet connection. The ports used by the PixsysPortal service are: 443/ TCP, 500 and 4500 for the L2 TP connection (to be opened "outgoing").

The service includes a "demo" mode that allows a connection, lasting 15 minutes, every 2 hours. After disconnecting, you will then need to wait at least 2 hours before you can make a new connection with the device.

If the operator panel is not equipped with the PixsysPortal service already active, ask your sales representative or sales@pixsys.net a PixsysPortal license cod. **2400.38.001**

A. INSTALLING THE APPLICATION ON YOUR COMPUTER AND CREATING YOUR PixsysPortal ACCOUNT

- To access the reserved area of Pixsys.net and from the PixsysPortal section, download and install PixsysPortal *Installer.exe*
- once started, press *on SIGN IN* to create your own account and follow the instructions provided (you will have to confirm the activation of the account by clicking on the link that will be provided by the e-mail received)
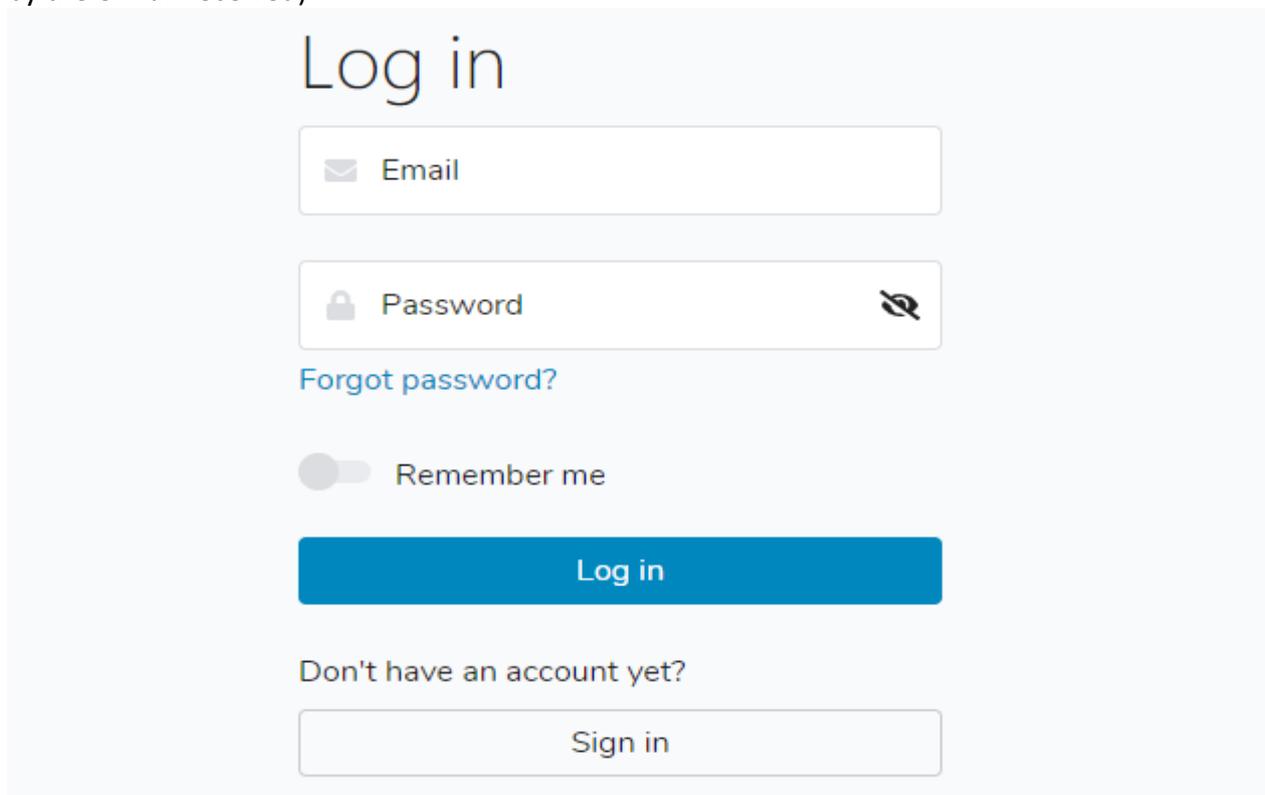
- then log in with the credentials chosen during account activation.

B. CONFIGURING THE PIXSYS PORTAL SERVICE IN THE OPERATOR PANEL

- To turn on the operator panel and during startup, hold down the STOP symbol that appears at the top right, until the *TdControlPanel starts.*

- press the *VPN* button to start the general configuration window of the service
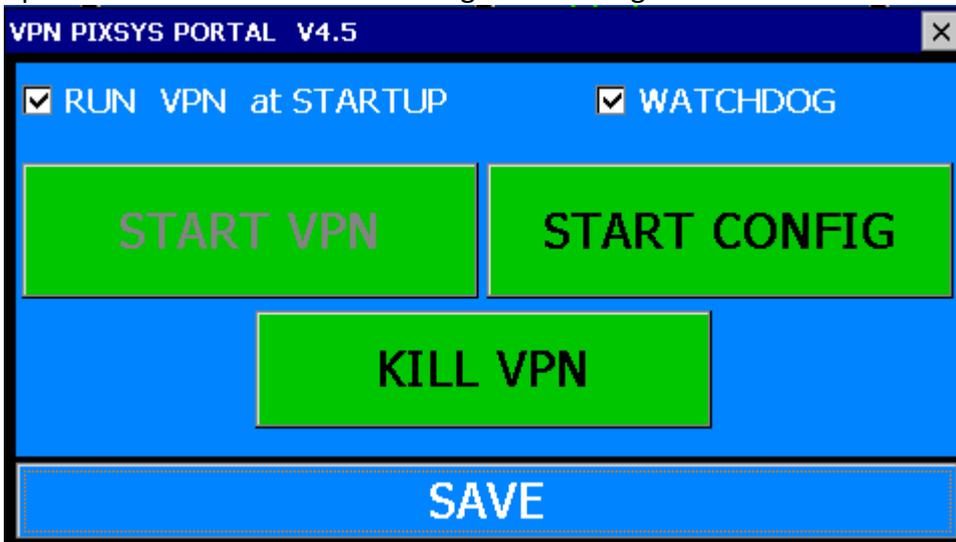
The *RUN VPN at STARTUP* check enables the PixsysPortal service to start automatically when the operator panel starts.

The *WATCHDOG* check enables continuous control of the correct execution of the service, and in case of anomalies automatically restarts it.

Pressing on *START CONFIG* bringsup the interface for configuring the PixsysPortal service.

The *General* tab shows the credentials to be used for the registration phase of the operator panel to your PixsysPortal account.

From the *Options* tab you can enter a password that the user will have to enter to be able to connect to the device (if empty you will not need to enter any password).
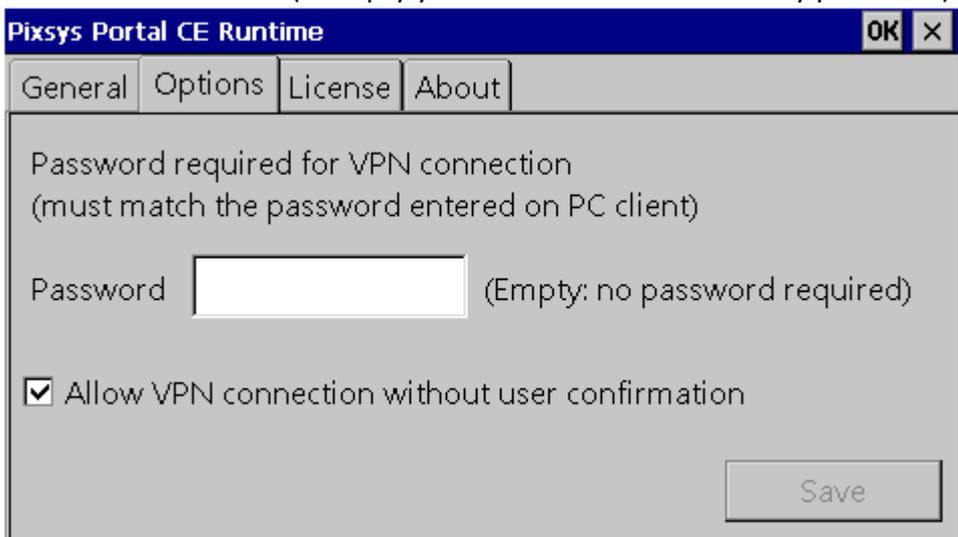
The check *Allow VPN connection* without user confirmation allows the device to connect with the remote PC that requires it, without any necessary action by a user present in front of the operator panel. Without this check, when the remote PC requests to connect, the user in front of the operator panel will have to confirm the popup that appears
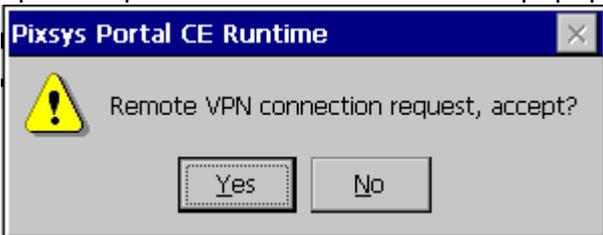
otherPCs will see the error "*Your device has not responded*" in your PC application.

C. ASSOCIATING YOUR DEVICE WITH YOUR PixsysPortal ACCOUNT

- Open Pixsys Portal on your computer
- right click on *Devices* and select *Register device*
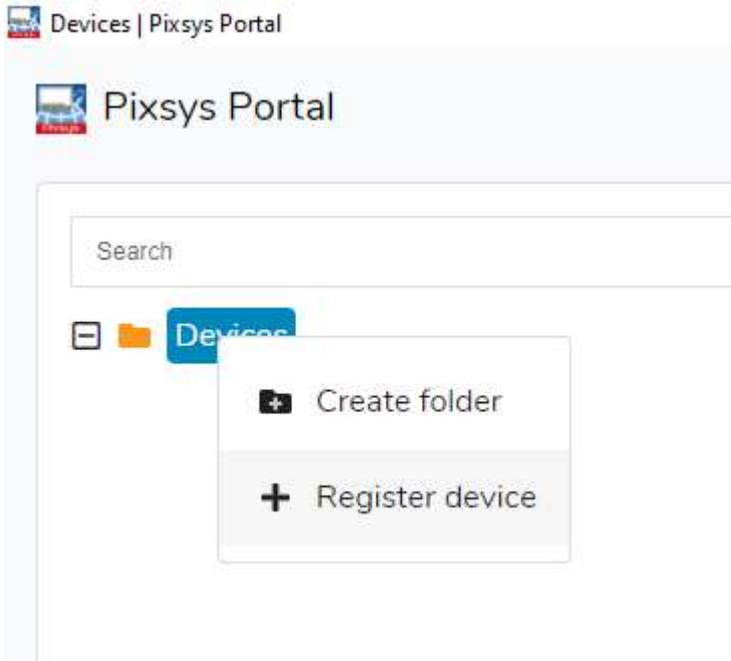
- enter the credentials (*ID* and *Password*) visible in the *General* tab of the PixsysPortal service in the operator panel (see the **paragraph B** this guide) and click on *CONTINUE*
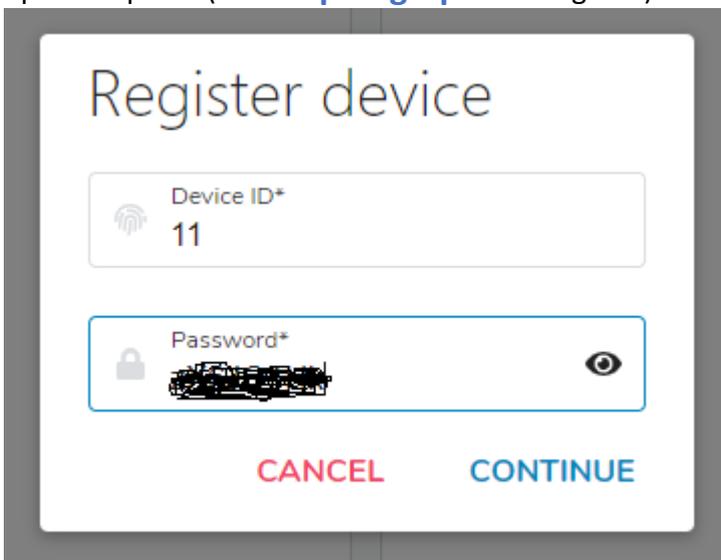
- give a name to the device and possibly a description and confirm

At this point the operator terminal just registered to your account will appear in the list of devices.

D. CONNECT REMOTELY TO THE DEVICE

Onceyou start the PixsysPortal application and log in to your account, the list of associated devices is displayed. It is also possible to group the different devices into folders, by right-clicking on the Devices item and selecting *Create Folder.* After that, simply drag the desired device to the newly created folder.
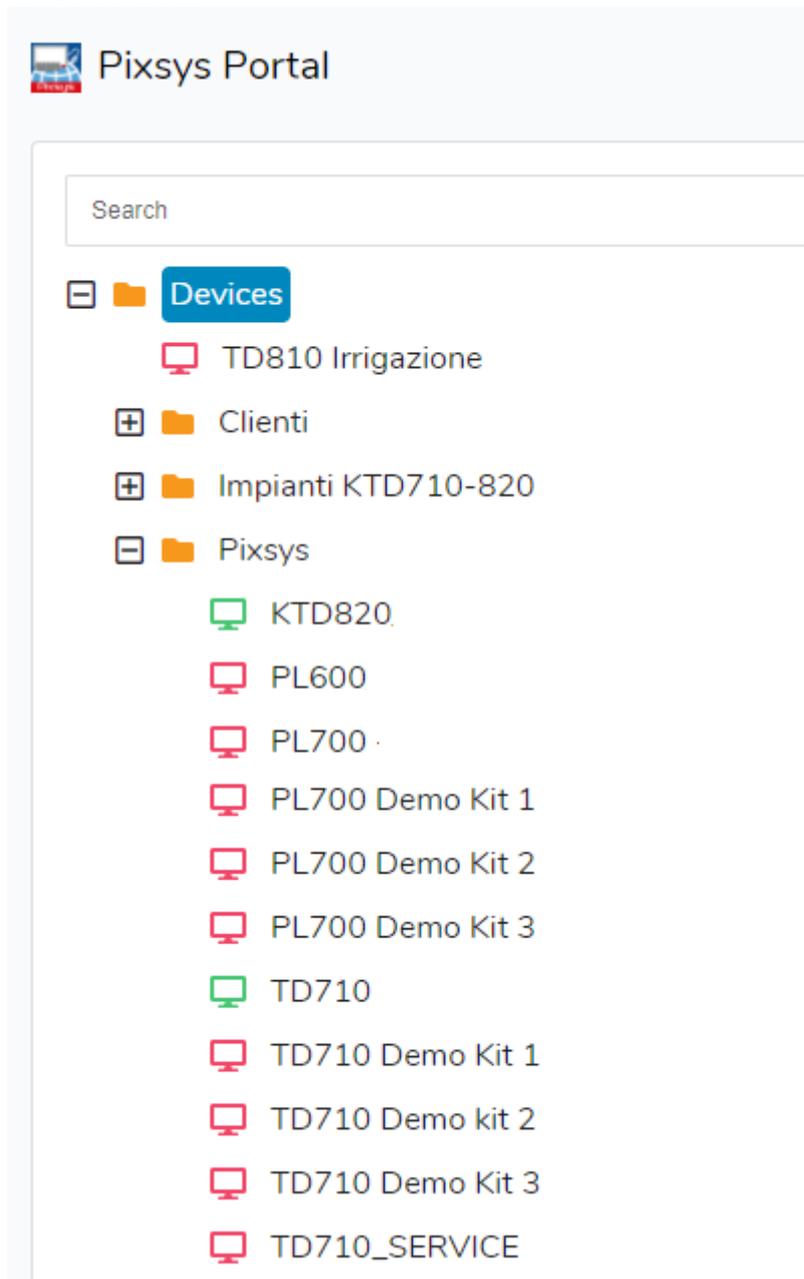
NB: the green icon indicates that the device is reachable from the PixsysPortal servers and therefore it will be possible to make the VPN connection to this; the red icon indicates that the device is offline and therefore not reachable from the PixsysPortal servers. In this case, check the internet connection of the operator panel and its network configurations, possibly turning it off and on again in case of modification of these.

- select a device from online (green icon)

- from the *VPN* menu on the right click on *Connect* and wait a while, until the status becomes "Connected" and the IP address assigned to that device is displayed.

At this point, using the IP address indicated by Pixsys Portal, you can connect to the operator panel with the development software or, using the icons that appear at the top above the menus on the right:

- View its remote desktop using the *VNC* icon
- Start a file transfer using the *File transfer* icon
- View the WebServer, if enabled in the operator panel, via the *Web* icon

Through the *Details* menu you can check the status of the license, the date of the last access to the PixsysPortal servers and its last IP, its location, system information such as the product code and the versions of the different software installed

E. SHARE YOUR DEVICE WITH OTHER PixsysPortal accounts

Through the *Users* menu you can share the operator panel with other PixsysPortal users (i.e. accounts already registered with the PixsysPortal service). The device can be shared as a *simple user* or *owner*:

- *Simple user*: The account that "gets" the device can check its connection status and details, as well as make the VPN connection to it. You can NOT share your device with other users.
- *Owner*: the account that "gets" the device can perform the possible operations as a simple user but also share the device with other PixsysPortal users as well as delete a specific user from the owners of the device itself

The PixsysPortal user who "gets" the device will receive a red dot notification on his PixsysPortal application next to his username

By clicking on your name, the drop-down menu showsandrà the same red dot also on the item *Sharing* requests, clicking on this item, a window will open showing any sharing requests received but not yet accepted
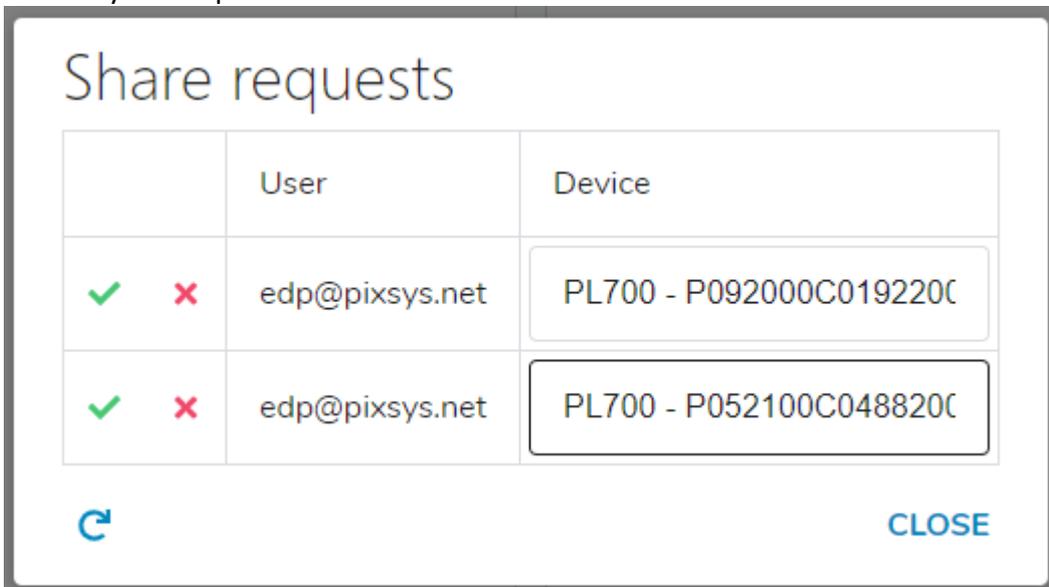
At this point, through the icons "check green" or "red cross" you can decide whether to accept or discard the request to share the device.