



FLUID MANAGEMENT SYSTEM

DESCRIPTION AND REQUIREMENTS

Nexu Description and Requirements

Description

Nexu has a central processing unit called *Unet* it must be connected to customer's network. *Unet* communicates with other Nexu devices in different ways depending on installation setup:

- With **Canbus** if devices are connected with cable.
- With **Wi-Fi** if devices like *Uconnect* or *Uvalve+* are used without cable. Customer's Wi-Fi or a separate Wi-Fi dedicated for Nexu can be used.
- With **ZigBee** if *Ulink* devices are used, *Ulink* is a dispensing gun for measuring and controlling dispensed fluid.

Unet has two built in Web applications *Utrack* and *Virtual Keypad*. Both applications can be reached from any computer connected to the same network as Unet by typing in IP-address for Unet followed by :4000 (TCP port 4000) in a web browser. The applications can't be reached from outside the network.

Utrack. From Utrack settings for Nexu can be made and there is also possible to see stock and transactions. Admin user and password is needed.

Virtual Keypad. From Virtual Keypad a dispense can be started. Normal user and pin code is needed (and license to use this application).

Requirements

1. MANDATORY REQUIREMENTS FOR OPERATION

Web Application Publishing

- TCP Port 4000
- A static IP-address in local network

2. OPTIONAL REQUIREMENTS OF OPERATION

API integration - TCP Port 4001

DMS middleware - UDP Port 2502

Wireless communication - UDP Port 2503

Use NEX-U PRO Gateway - UDP Port 2504

Use of cloud-based email warning - Internet Access

3. STORAGE POLICIES

Manual on-demand backup management

Weekly backup to external device

4. SOFTWARE POLICY

Automatic reboot after system crash

5. PASSWORD POLICY

Access to the software application is protected under user and password control.
HTTPS version available

Shared folders policy

6. UPGRADE POLICY

Alentec & Orion keeps track of cybersecurity alerts, being proactive in anti-malware tasks.