

NEXU[®]

FLUID MANAGEMENT SYSTEM

**FOR INCREASED
PROFITABILITY IN
LIGHT & HEAVY VEHICLE
WORKSHOPS**



FIVE QUICK FACTS

1. Income loss due to incorrect stock control of fluids is often neglected
2. All workshops have unaccounted fluid loss
3. Average fluid loss is about 10%
4. When the fluid loss is discovered it has already affected income
5. Better control of fluids leads to higher profit

WHY DO YOU NEED A FLUID MONITORING SYSTEM?

Why are not oil and expensive fluids handled as other spare parts?

Can YOU be sure that your current system correctly invoices every litre of oil?

Example: a workshop consumes 3000 litres of oil per month. Based on a sales price of € 25/litre the yearly turnover is € 75 000.

The maximal profit will only occur IF all oil is accounted and invoiced for.

This example highlights that every litre of oil that is not invoiced is a loss of € 25.

ACCOUNTING EXERCISE

Calculation example based on 3000 litres oil/year		
Estimated oil loss	Oil loss	Lost income/year
5%	150 L	€ 3 750
10%	300 L	€ 75 00
15%	450 L	€ 11 250

WHAT DO YOU GAIN WITH A FLUID MONITORING SYSTEM?

Quality assurance

Vehicle is filled with correct fluid as specified for maximum performance.

Security

Unauthorized dispense eliminated. Only active authorized work order and PIN are valid for dispense.

Increased efficiency

Dispensed volume is automatically registered on the work order.

Increased profit

Get paid for the correct volume dispensed.

Environmental benefit

Reduces overconsumption as vehicle is filled with manufacturer's specified fluid and volume.

Optimized profit

Top-ups are registered and invoiced.

Environmental security

Reduces risk for spillage and leakage as system is not pressurized when it is not in-use.

Correct stock value

Complete control of stock in tanks and drums (tank sensor required).

Short ROI

Short time to reach profit of total investment.

ADMINISTRATION BENEFITS

DMS/ERP Integration

Before dispense of fluid can start, the work order must be validated in the system. After dispensing fluid, the transaction data is automatically sent and added to the invoice. Today we have developed integrations to about 140 different DMS/ERP systems worldwide. This means that we already have many DMS-connections that we can deliver for immediate implementation and operation.

Control of fillings

All fluids are registered and saved safely in a database.

Control of stock levels

Automatic level sensors measures and updates tank volumes. If automatic sensors are not used, tank levels are calculated by subtracting the volumes dispensed in the system.

Email message of stock levels

Automatic email reporting of tank levels. Reports are sent periodically or when a set level is reached in a tank. Email can be sent to multiple accounts to keep stock managers and oil suppliers informed.

Management and report data

Information such as which user dispensed fluid and fluid consumption per period can be reported.



ADVANCED TECHNOLOGY

Wireless flexibility

Data can be transferred wirelessly between system components, eliminating the need for long and/or complicated cabling.

Easily add new components as your needs grow.

The system uses existing Wi-Fi® networks, simplifying installation. No need for special, customised network components.

Hard-wired reliability

A constant and reliable power source to operate the solenoid valves that control the fluid flow.

No batteries to change.

Wired communication to avoid interference that can occur during wireless data transmission.

Various fluids supported

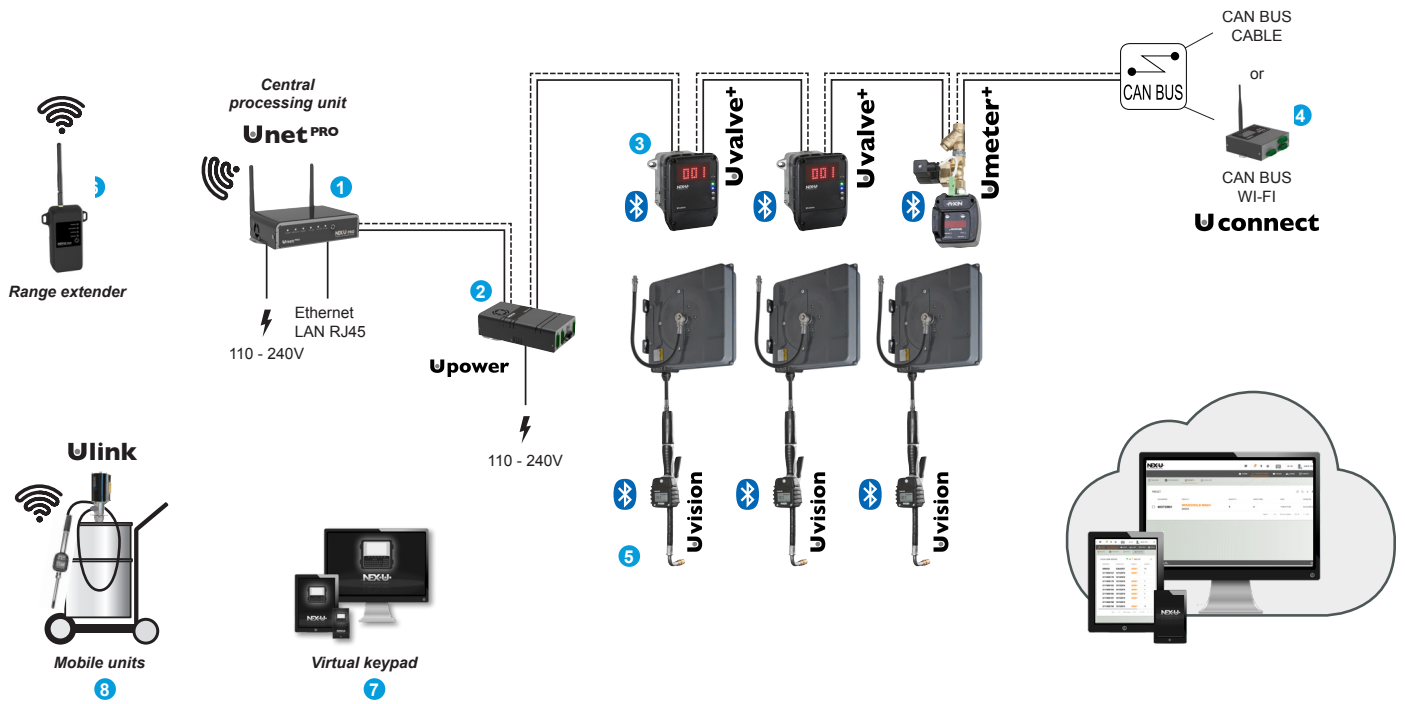
We have a wide range of pumps and measuring units in different materials and pressure classes such as aluminium, stainless steel and PVC. This enables us to handle many different liquids such as

- Oils, heavy and light
- Chemicals such as washer fluid, AdBlue®
- Grease

Module based communication

The system communicates internally on its own network loop, eliminating the risk of external interference.

SYSTEM EXAMPLE



POS	PART NO	DESCRIPTION
1	23802	NEX·U·® U-net Pro Central processing unit with wireless capabilities
2	23826	NEX·U·® U-power Power supply 75W
3	23850	NEX·U·® U-valve Flow control unit with Bluetooth®
4	23881	NEX·U·® U-connect CAN bus to Wi-Fi converter
5	23830	NEX·U·® U-vision Hand-held display for control valve
6	23804	NEX·U·® PRO Extender incl. power cable
7	23801	NEX·U·® Virtual keypad license
8	20572	NEX·U·® U-link Wireless digital handmeter with 90° hose and manual non-drip

READ MORE ON OUR WEBSITE

Follow the link with your mobile phone or visit www.alentec.com/en/nexu to learn more about the system and its modules, download catalogues and read about our ongoing and completed customer projects.



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