Project examples

Plant Process Control

Heat Treatment System

Data Acquisition

Process Plant

VIGO6 System

PC / Server

P-NET IP and RS-485

Modbus RTU and TCP

CAN

HART

GPRS Internet SD-CARD USB

SQL XLS-FILE COPP-FILE

Collection Trucks

MILK

- - - - GPRS Internet
- - - - WiFi
——— Fiber Internet

Milk Collection Overview

PROCES-DATA

Software Suite

## VIGO6 - One tool for developing control code and visualisation
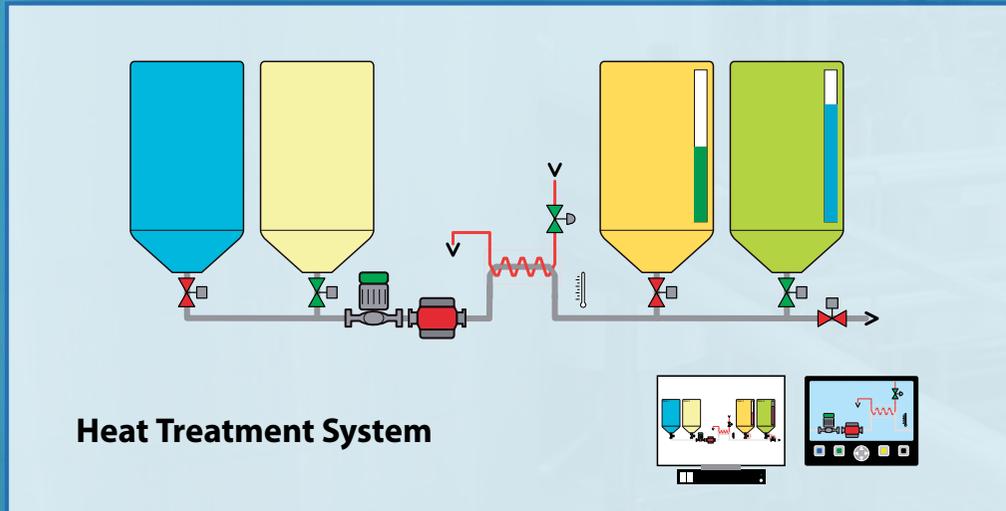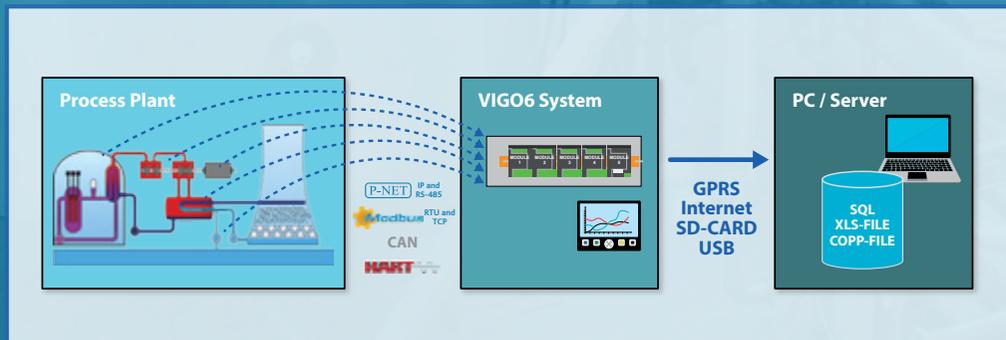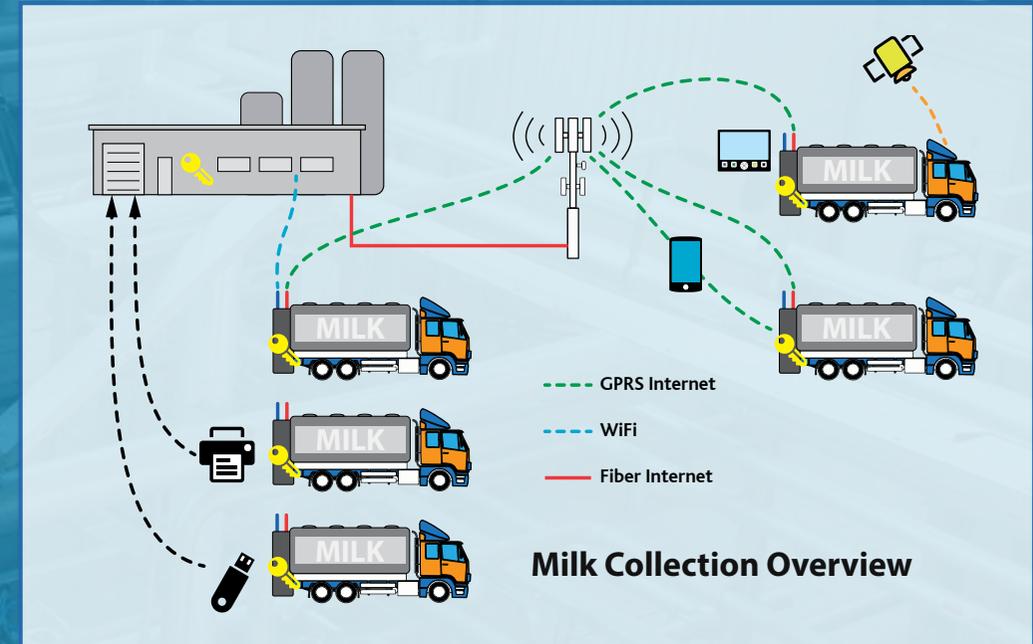
Control code editor
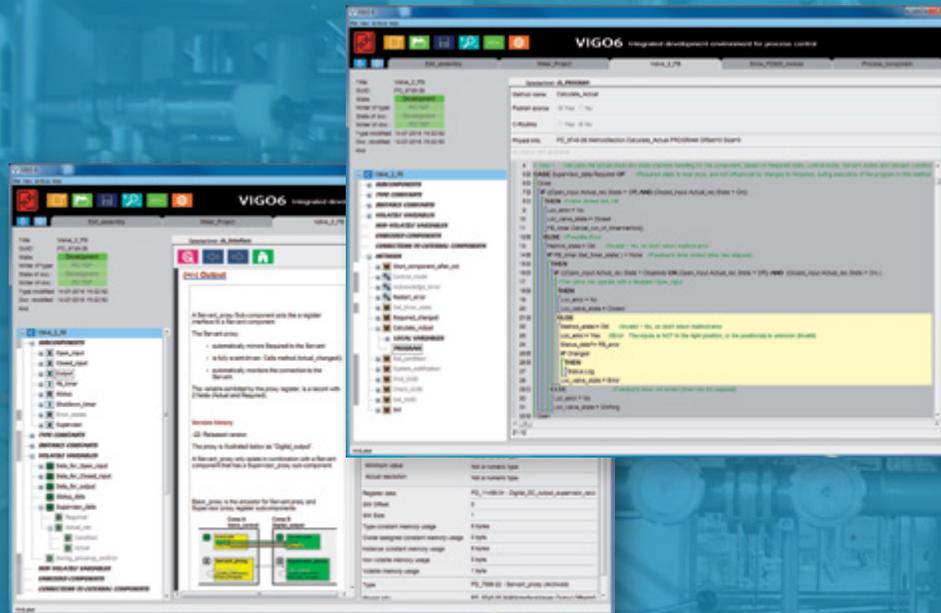
Tested and proven Component Library - including visualisation

PUMPSTATIONS in Denmark

Pumpstation Arden

Pumpstation RoSkilde

Pumpstation Esbjerg
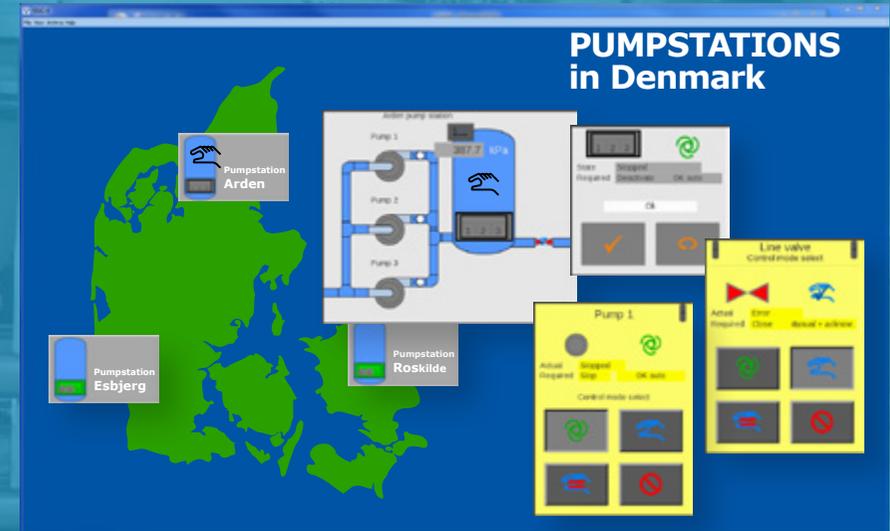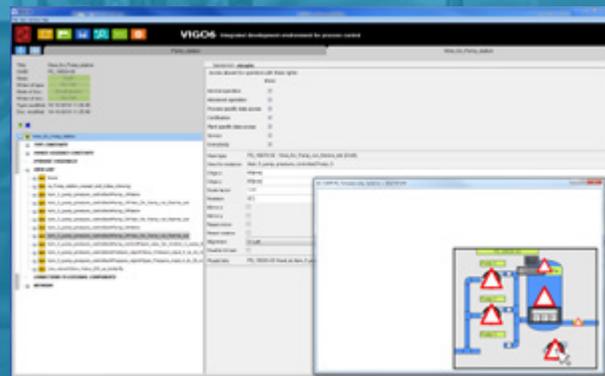
WELMEC 7.2 approved software development platform

PROCES-DATA

www.VIGO6.com

Development, consultancy & training

Tutorials, FAQ's, etc.

Visualisation editor

Access to generic SW components from PROCES-DATA

VIGO6 COPP-STORE

Your finalised SW components

YOUR DEDICATED VIGO6 SERVER

WELMEC 7.2

Test Report

Your development environment for building your own SW components

PC with VIGO6 editor

PC with VIGO6 editor

PC with VIGO6 editor

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Hardware Suite

User Programmable Modules designed and produced in Denmark

M100 Series
- Electronic Module
- Power Bar
- I/O terminals
- Base Module
- P-NET Light-Link

Minimum wiring through Power Bar and P-NET on Light-Link.
Easy replacement of Electronic Module the Base Module contains all wiring and I/O terminals.

M36 Series
- Electronic Module
- Power Bar
- Base Module
- I/O terminals
- P-NET Light-Link

PD440 FLOW TRANSMITTER

P-NET on RS-485 and Ethernet
MODBUS RTU, MODBUS TCP
IO-Link
NFC for configuration
Analogue I/O, Digital I/O
Flow and Volume
Conductivity and Temperature

PD610 COPP GATEWAY

P-NET on RS-485, Light-Link and Ethernet
MODBUS RTU, MODBUS TCP
CAN Bus

PD644 ANALOGUE INPUT

P-NET on Light-Link
HART
Analogue Input

PD688 DISPLAY

P-NET on RS-485, Light-Link and Ethernet
MODBUS RTU, MODBUS TCP
USB (Print or USB Storage)
NFC for configuration
SD- Memory Card
Digital I/O

PD802 COPP DPI

P-NET on RS-485, Light-Link and Ethernet
MODBUS RTU, MODBUS TCP
SD-Memory Card
USB (Print or USB Storage)

PD803 COPP DPI GSM GPS

P-NET on RS-485, Light-Link and Ethernet
MODBUS RTU, MODBUS TCP
SD-Memory Card
USB (Print or USB Storage)
GPRS
GPS

PD820 15 CH. DIGITAL I/O

P-NET on Light-Link
Digital I/O
Relay Output

PD821 15 CH. DIGITAL INPUT

P-NET on Light-Link
Digital Input

PD840 15 CH. ANALOGUE INPUT

P-NET on Light-Link
Analogue Input

PD850 MULTIFUNCTION

P-NET on Light-Link
HART
Digital I/O
Analogue I/O
Relay Output

PD870 MOTOR CONTROLLER

P-NET on Light-Link
High Power Output
Digital Output
Analogue Input

PD940 DIPSTICK

P-NET on RS-485
Analogue Out
Digital I/O
Level
Conductivity
Temperature

PD947 GPS

P-NET on RS-485 and Ethernet
GPS

OIML

NMi Type Evaluation Report

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Customise

User role differentiation

- Normal
- Advanced
- Process data
- Service

Translate

- DK
- UK
- DE

Design Colour Theme

- Custom Day
- Custom Night
- Custom
- PD Day

Handle Metric/US Units and printout

- US Units
- Printouts

PROCES-DATA

Certified MID software component for measurement of liquids other than water - powered by VIGO6

214.8L

2018-01-02 10:23:24 ⚙ Legal
Idle | Volume

Configuration
Configured
SN meter 786285
Installation ID | Max flow 30.0000 L/s
local | Calibration factor
Event counter | Prime volume
292 | Prime timeout
Volume per pulse

Variant PD_16772-20

PD 688

209.6L

2017-09-12 09:00:53 ⚙ Legal
Idle | Volume

Inspection of legal reports

Previous | Legal log index 81 | Next

Log ID 81
Installation ID | SN meter 786285
local | Start time 2017-09-12 08:57:14
Complete time 2017-09-12 08:57:57
Quality Good
State Completing
Volume 187.2 L
Prime 0.0 L
Latitude 0.0
Longitude 0.0

Search from
2017-08-17 11:37:45

PD 688 | ● PROCES-DATA

Features:

- **Measurement of flow in liquids**
- **Indication of legal measured volume**
- **Interface to different types of flow transmitters/measurement transducers**
- **Running date and time**
- **Status indication**
- **Parameter settings and protection of Weights & Measures parameters against unintended change**
- **Visualization of the legal relevant configuration data**
- **Storage on SD-card of alibi reports that provide irrefutable evidence of performed measurements**

■ PROCES-DATA
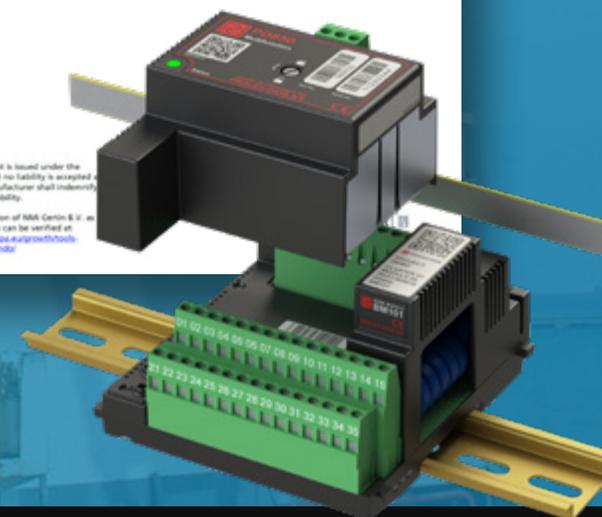
# MID Certified

Approved for three different configurations:

System 1:
- **PD688 Display**
- **PD340 Flow Transmitter**
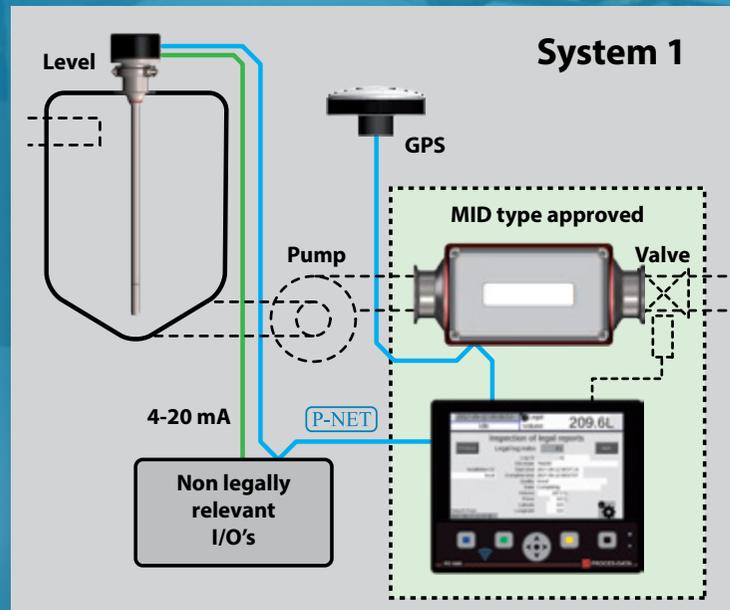
System 2:
- **PD688 Display**
- **PD340 Flow Transmitter**
- **PD940 Dipstick**
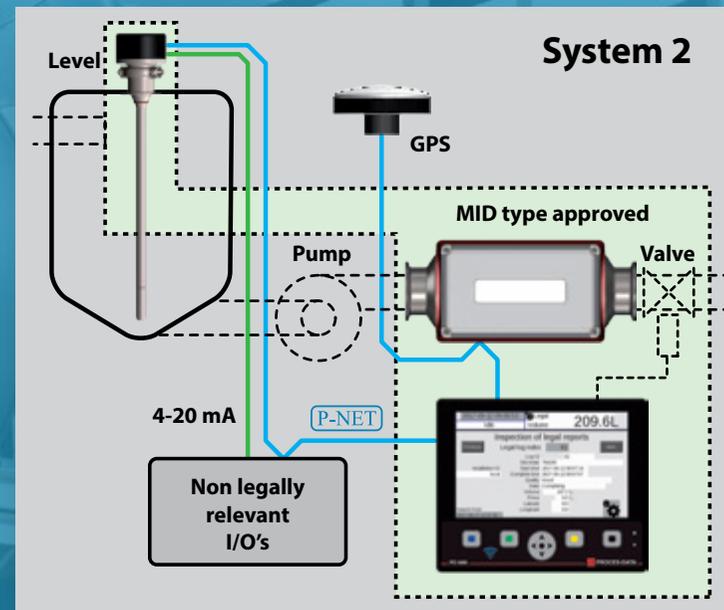
System 3:
- **PD688 Display**
- **PD340 Flow Transmitter with 2-Phase Output**

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