



WELCOME TO THE WORLD OF **FOCUS-ON**

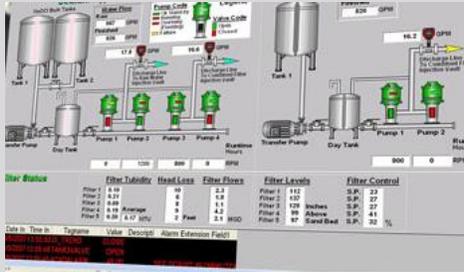
15th Feb 2022

brief presentation of our philosophy



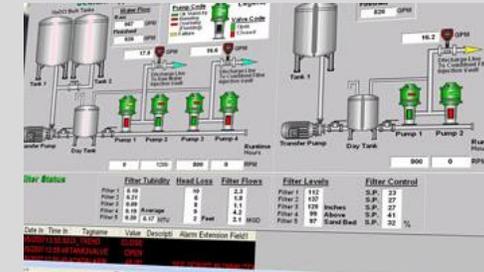
CHANGING THE FLOW
FOREVER

Industry 4.0 or IIoT : we focus on simplification



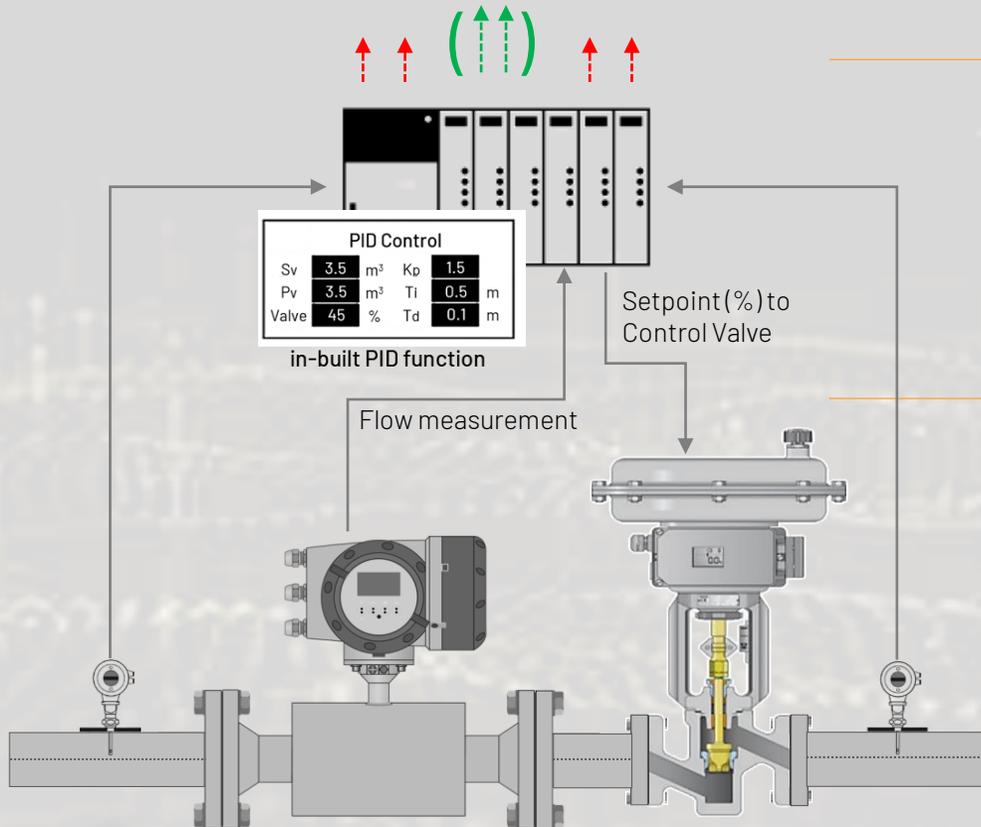
SCADA
HMI
Asset Performance
Supervision Level

3



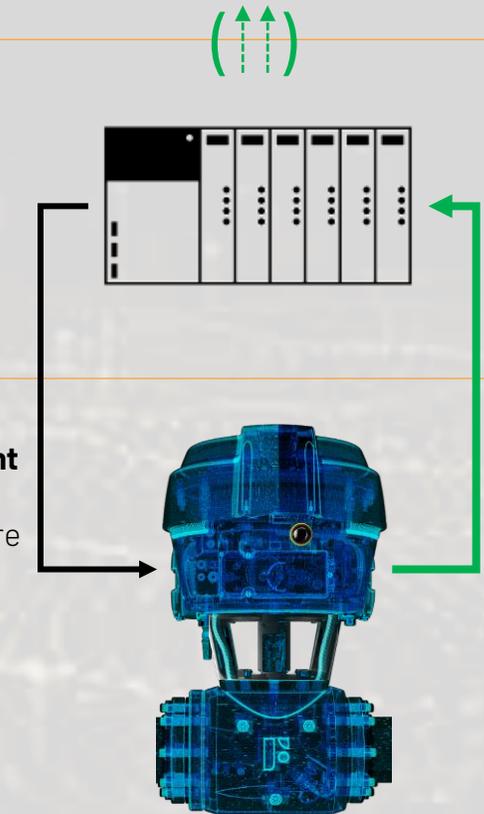
PLC / SPS
PIDs
Control Level

2



Flow meter
Control Valve
P & T Sensors
Production / Field Level

1



Setpoint
Flow
Pressure
Temp...

Output
Flow
Pressure (P1 / P2)
Temp (T1 / T2)
Valve position
and more....

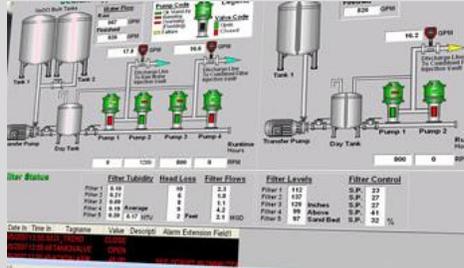
Simplification

we focus on Industry 4.0



4

Our eyes are on : Real-time Asset Management



Setpoint = Flow
Pressure
Temp...



Output = Flow
Pressure (P1 / P2)
Temp (T1 / T2)
Valve position
and more....

AIM TO SIMPLIFY AUTOMATION PYRAMID

(where possible)

SCADA
HMI
Asset Performance
Supervision Level

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PLC / SPS
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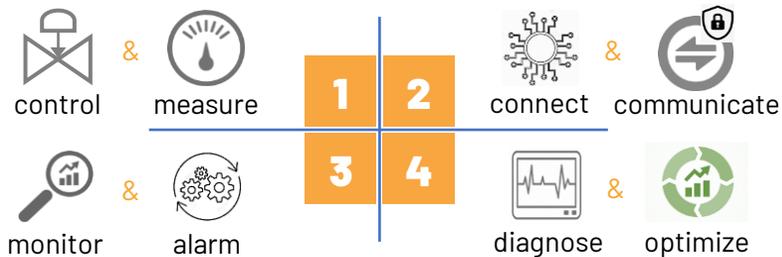
FOCUS-1

Flow Optimized Control Using Sensors



INTEGRATION of Field Device & Process insight

FOUR (4) key functional areas



SIMPLIFY your PROCESS

(and it looks good)



FOCUS-1 thrives on modularity



2 Communication routes

Measure, Control, Alarms & Diagnostics



1. 4 - 20 mA

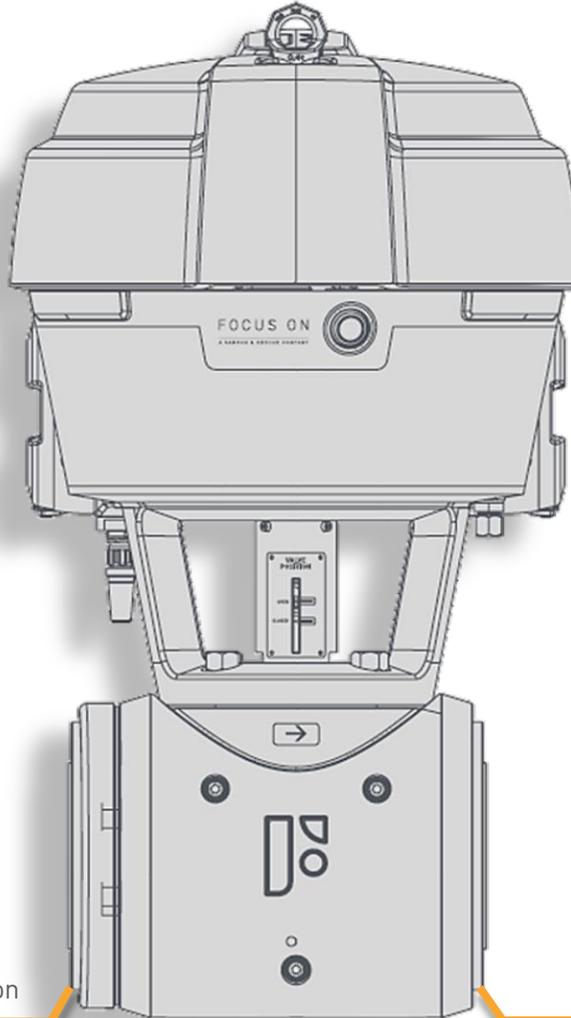


Profinet*



Control Setpoint

%
Flow (Q)
P2* - ΔP*



- 1. Analog Output
- 2. HART output 1
- 3. HART output 2
- 4. HART output 3



Profinet*



% - Flow (Q)
P1 - P2 - ΔP Feedback to DCS
T1 - T2



Ethernet



Wifi

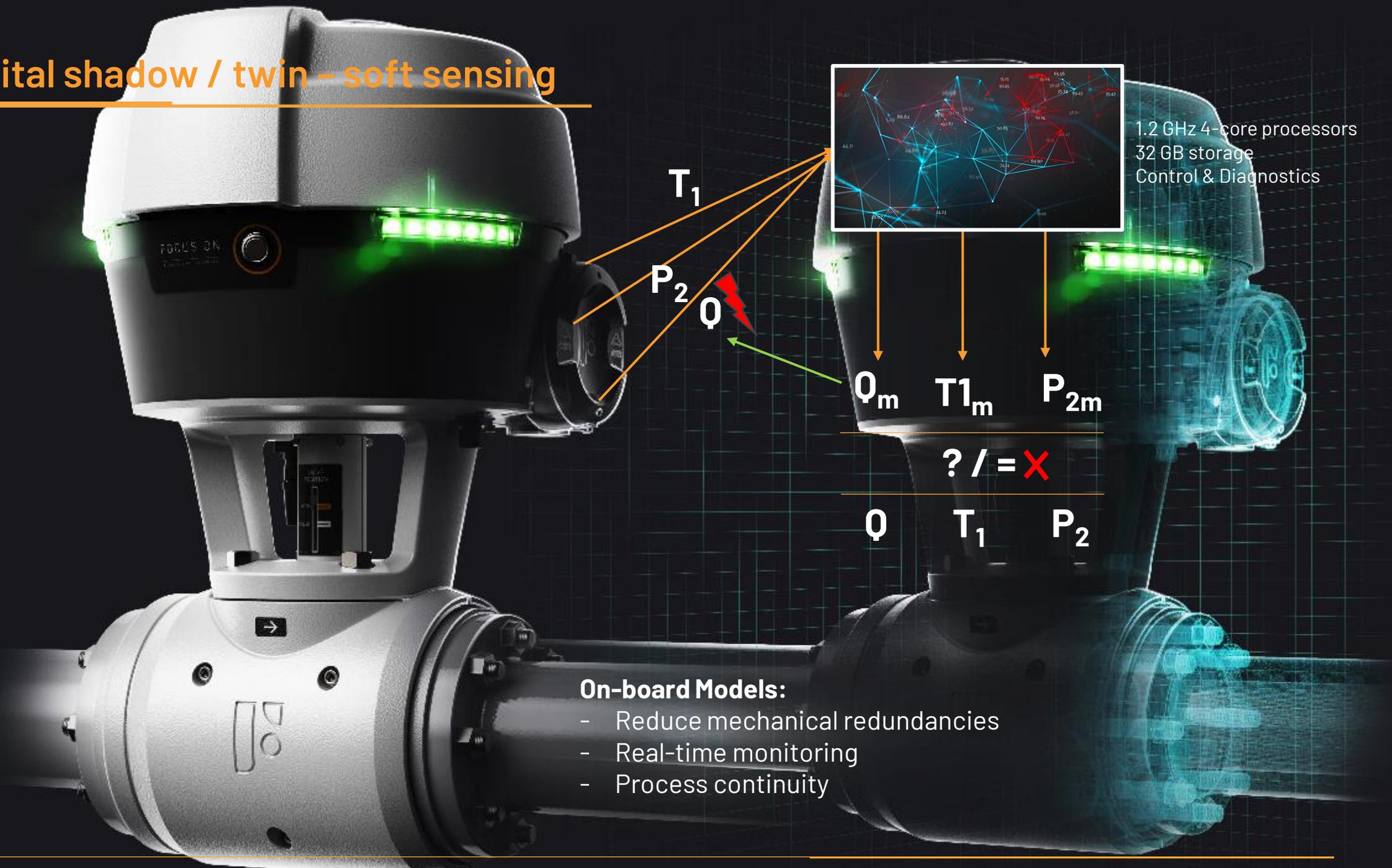
Control

* To be released soon

Asset Management

3
4

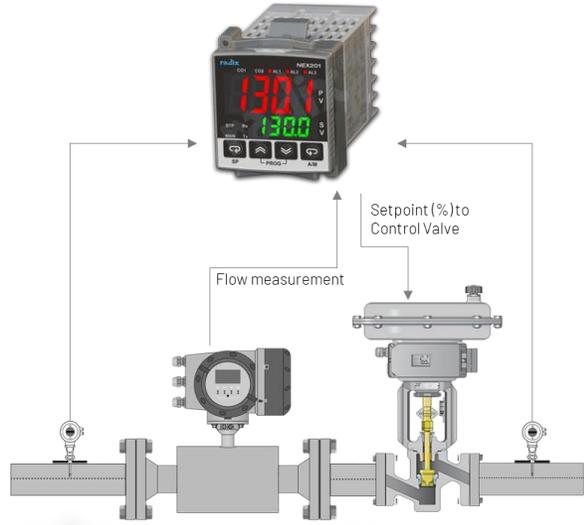
Digital shadow / twin – soft sensing



Why FOCUS-1?



Traditional



New control



Simplify



- Autotune Control
- Configure

Maintain

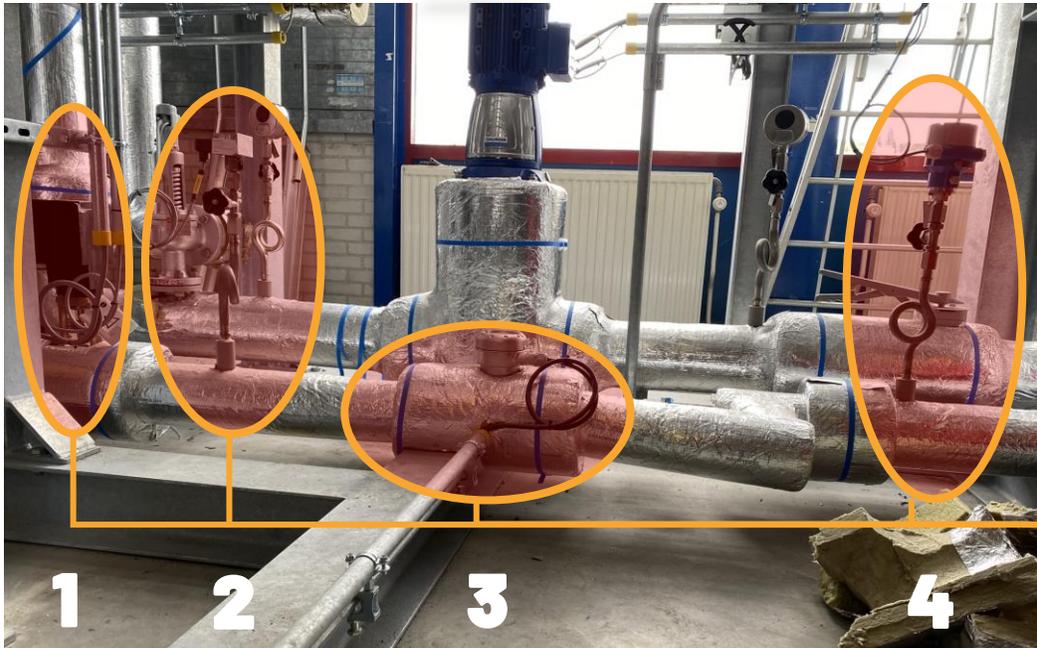


- Process continuity
- Less redundancies
- Advanced Alarms

Improve



- Real time information
- Build in models



Benefits across entire lifecycle

3

Higher transparency on field

- customized alarms for device & process parameters
 - digital models make mechanical redundancies obsolete
- 4
- real-time view of device & process
- powerful information enables optimization

2

Communication matters

- novel control philosophies reduce I/O & PLC/PID costs
 - a valve 'finally' controls flow
- better control quality and loop efficiency

1

Integration of components

- allows reduced engineering and specification effort
 - less flanges, shorter piping
- up to 33% savings vs. traditional solution

Reliability
Productivity

AIM TO
SIMPLIFY
AUTOMATION
PYRAMID

(where possible)

CAPEX + OPEX
Costs

FOCUS-1 family

A new family of product



DN 80 / NPS 3"

available



DN 100 / NPS 4"

available



DN 50 / NPS 2"

Q1 / 2022

- 24 V DC
- 4/20 mA IN setpoint (passive - active)
- PROFINET



**ATEX
version**

Q3 / 2022

How can FOCUS-1 help to shine light on your process loops?

Thank You.



CHANGING THE FLOW
FOREVER
