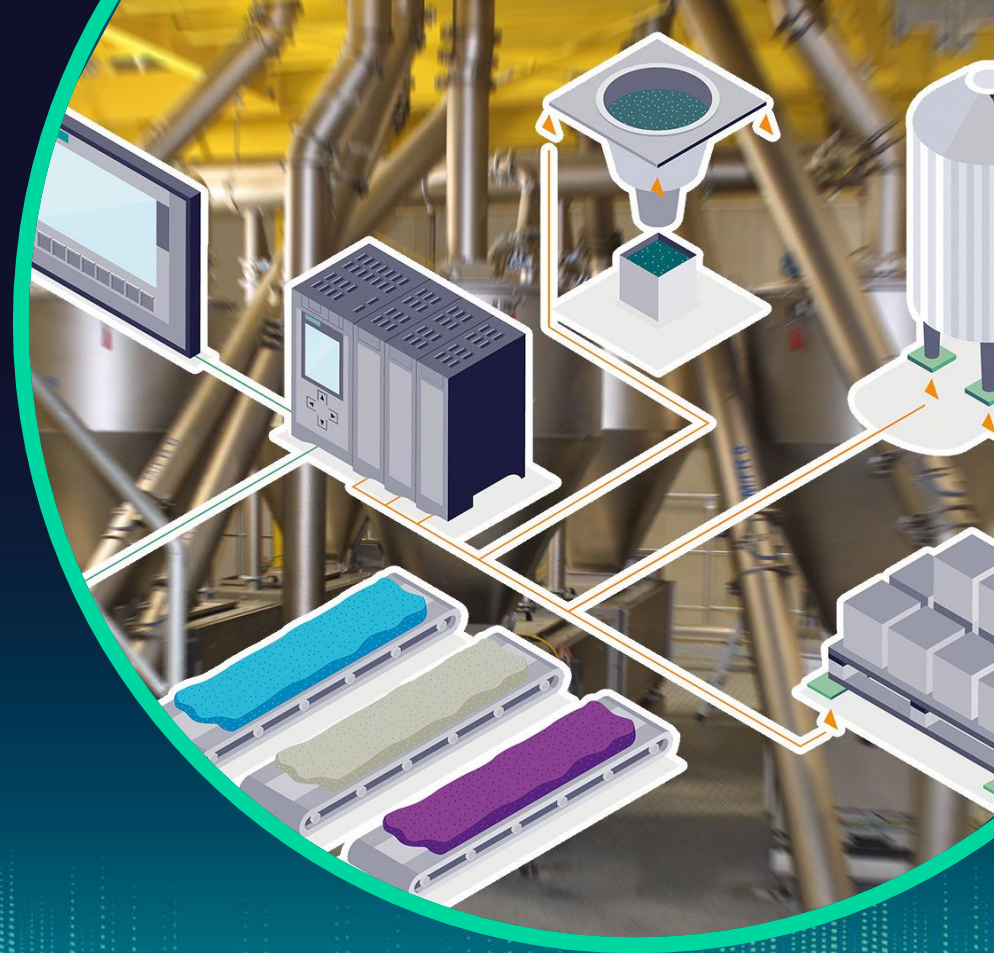


Muligheder med SIWAREX i TIA-portalen

Gratis features, nyheder og eksempler



Dagens værdter

Jesper Juul Jørgensen, Technology Specialist
Palle Aagaard, Support Engineer



Agenda

Introduktion til SIWAREX

Hvordan vælges SIWAREX til "min" TIA-løsning

Anvendelse af SIWAREX i TIA-portalen

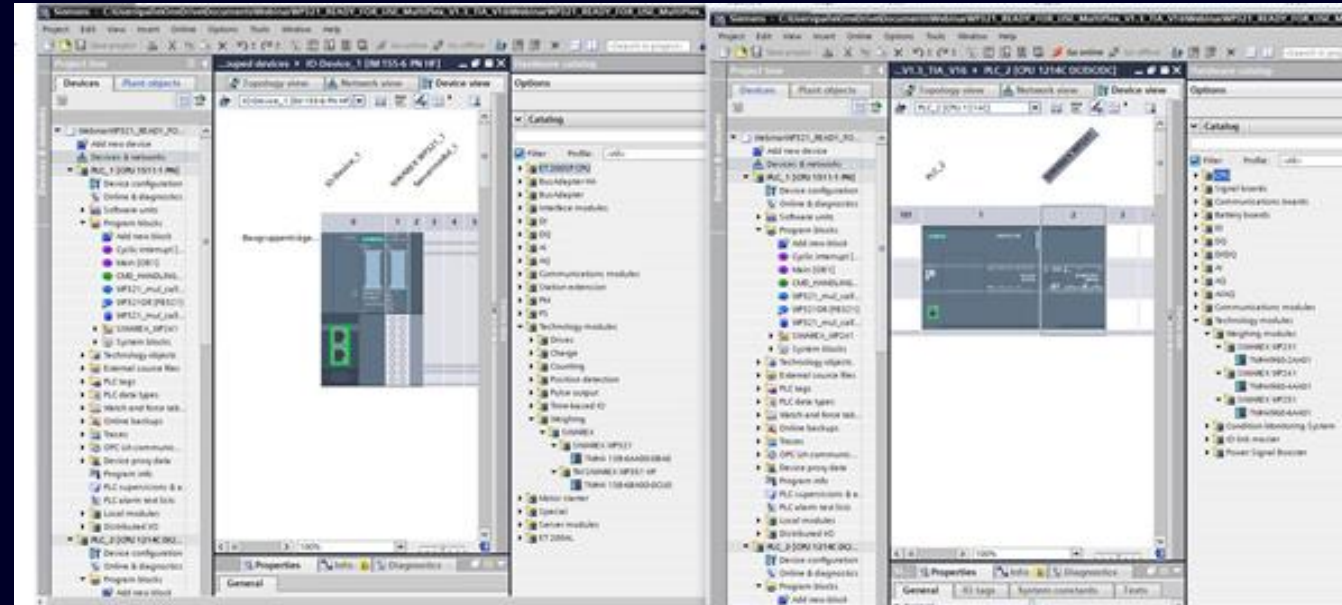
Nyheder med IoT til SIWAREX

Service og support

Afslutning

Introduktion til SIWAREX

TIA-portalen og SIWAREX?



Teknologi-
moduler
er her:



Introduktion til SIWAREX

Hvad er der så at vælge imellem?

S7-1200 serie:

Siwarex WP 231 (ikke S 7-1211 ellers alle andre)

Siwarex WP 241 (ikke S 7-1211 ellers alle andre)

Til Simatic ET 200 SP serie:

Siwarex WP 321

Siwarex WP 351

Til Simatic 1500 serie:

Siwarex WP 521

Siwarex WP 522



Introduktion til SIWAREX

Hvad er der så at vælge imellem?

S7-1200 serie:

Siwarex WP 231 (ikke S 7-1211 ellers alle andre)

Siwarex WP 241 (ikke S 7-1211 ellers alle andre)

Til Simatic ET 200 SP serie:

Siwarex WP 321

Siwarex WP 351

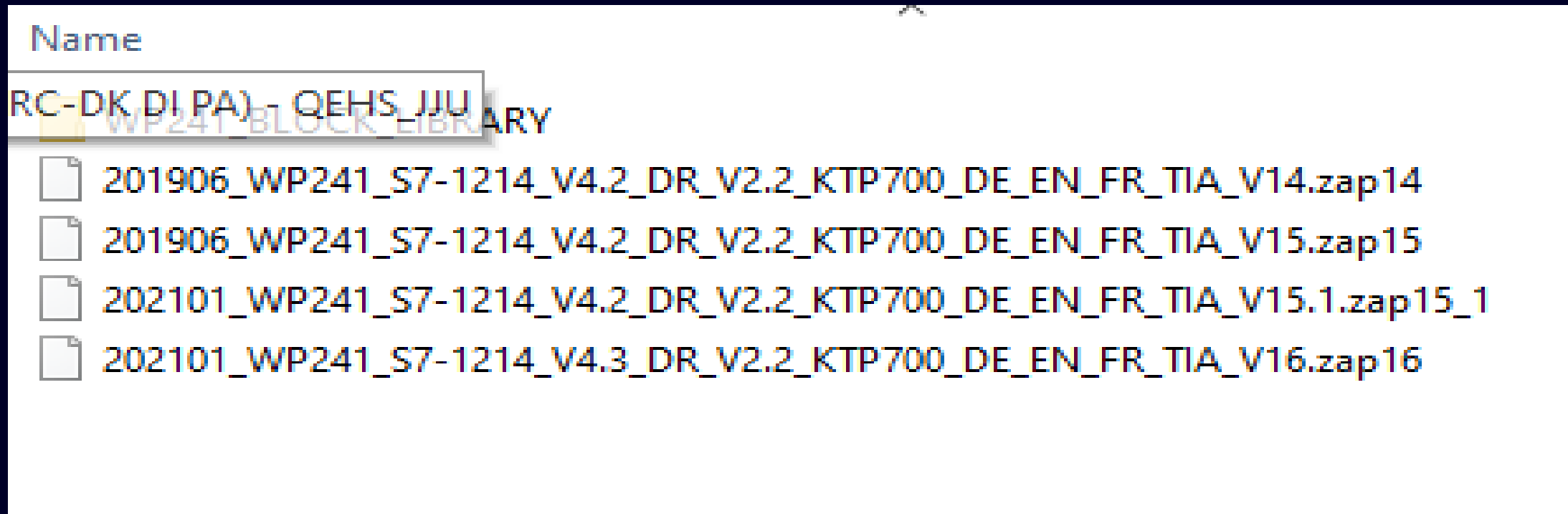
Til Simatic 1500 serie:

Siwarex WP 521

Siwarex WP 522



Valg af "rigtigt" projekt til download...



Vælg det rigtige projekt i forhold til TIA-version og firmware version af CPU'en fra din "ready to use download"

WP241 hardware setup og adresser

The screenshot displays the Siemens TIA Portal interface for configuring a PLC system. The left pane shows the project tree with the following structure:

- 202101_WP241_S7-1214_V4_3_DR_V2...
 - Add new device
 - Devices & networks
 - PLC_1 [CPU 1214C DODGDC]
 - Device configuration
 - Online & diagnostics
 - Program blocks
 - Add new block
 - Cyclic interrupt [OB30]
 - Main [OB1]
 - SIWAREX_WP241
 - CMD_HANDLING [FC30]
 - WP241PR [FB241]
 - WP241PR_DB [DB241]
- Technology objects
- External source files
- PLC tags
- PLC data types
- Watch and force tables
- Online backups
- Traces
- Device proxy data
- Program info
- PLC alarm text lists
- Local modules
- HMI_1 [KTP700 Basic PN]
- Ungrouped devices
- Security settings
- Cross-device functions
- Common data
- Documentation settings
- Languages & resources
- Version control interface
- Online access
- Card Reader/USB memory

The main workspace shows the 'Main [OB1]' ladder logic program. A red box highlights the 'IN' input of the 'WP241PR' block, which is connected to the 'DOOR_LIFEBIT' variable.

The right pane shows the 'Topology view' of the PLC rack. A red box highlights the 'WP241' module in slot 2 of the 'S7-1200 rack'.

The bottom pane shows the 'Properties' window for the 'SIWAREX_WP241 [Module]'. The 'IO addresses' tab is active, showing the following configuration:

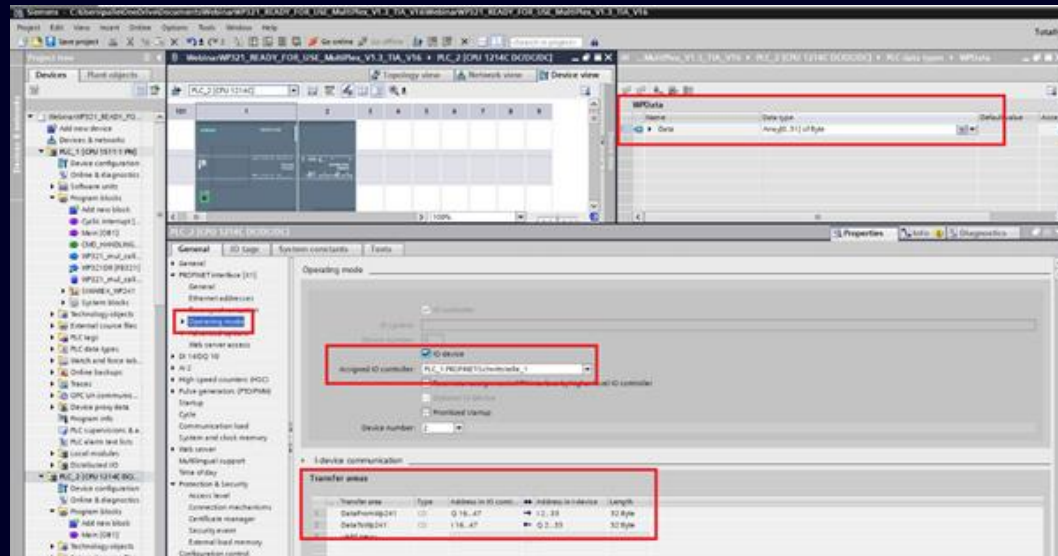
Input addresses	
Start address:	68
End address:	99
Organization block:	--- (Automatic update)
Process image:	Automatische Aktualisierung

Output addresses	
Start address:	68
End address:	99

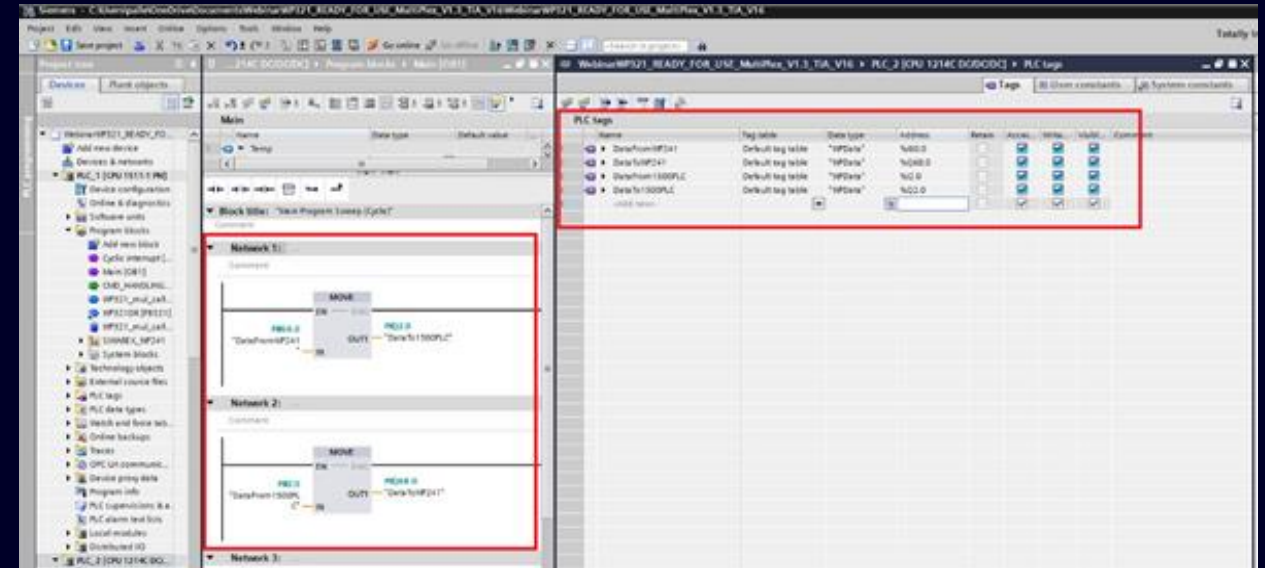
I-Device



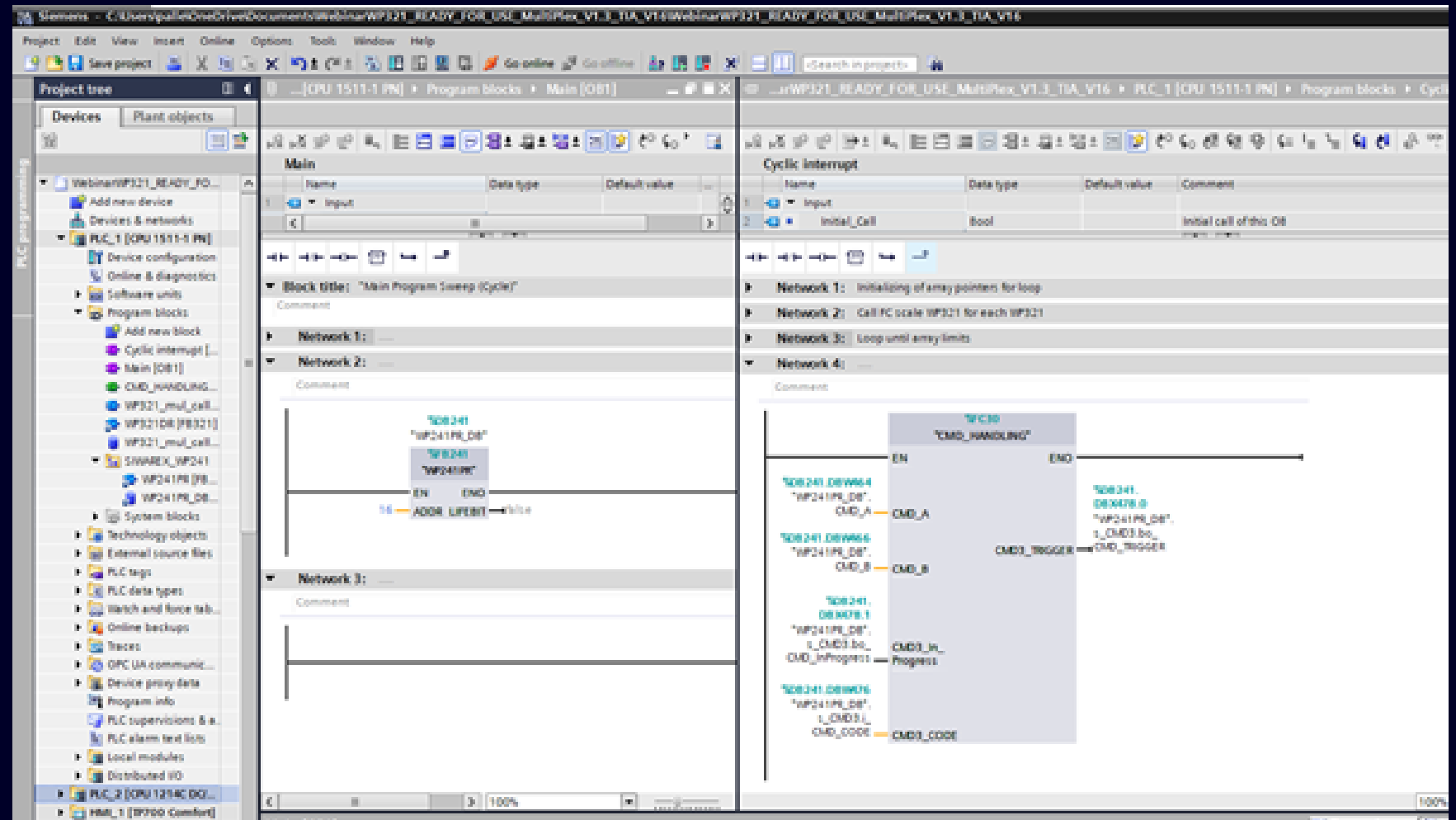
Kopier programblokke
mm. fra 1200 til 1500, setup
I-Device og lav en UDT



PLC-tags og flytte/spejle
data imellem I-Device og
1500 CPU



Opsætning af WP241 i 1500 PLC

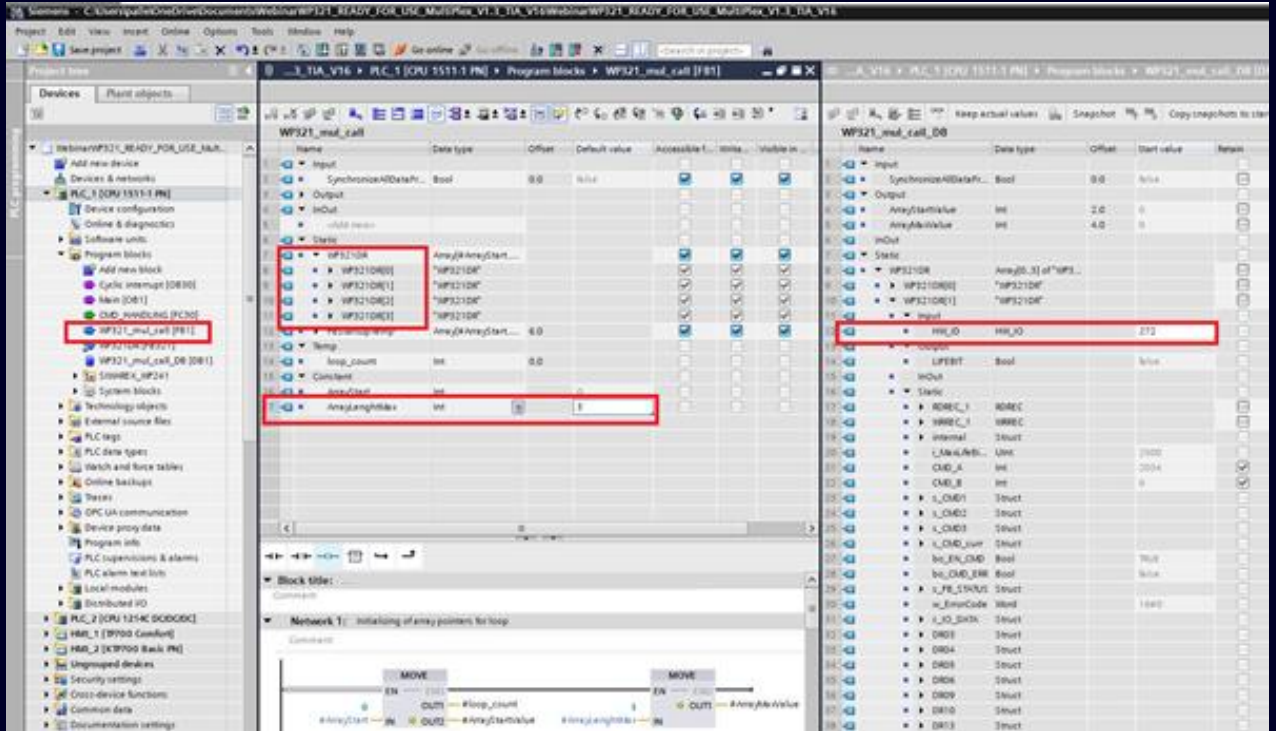
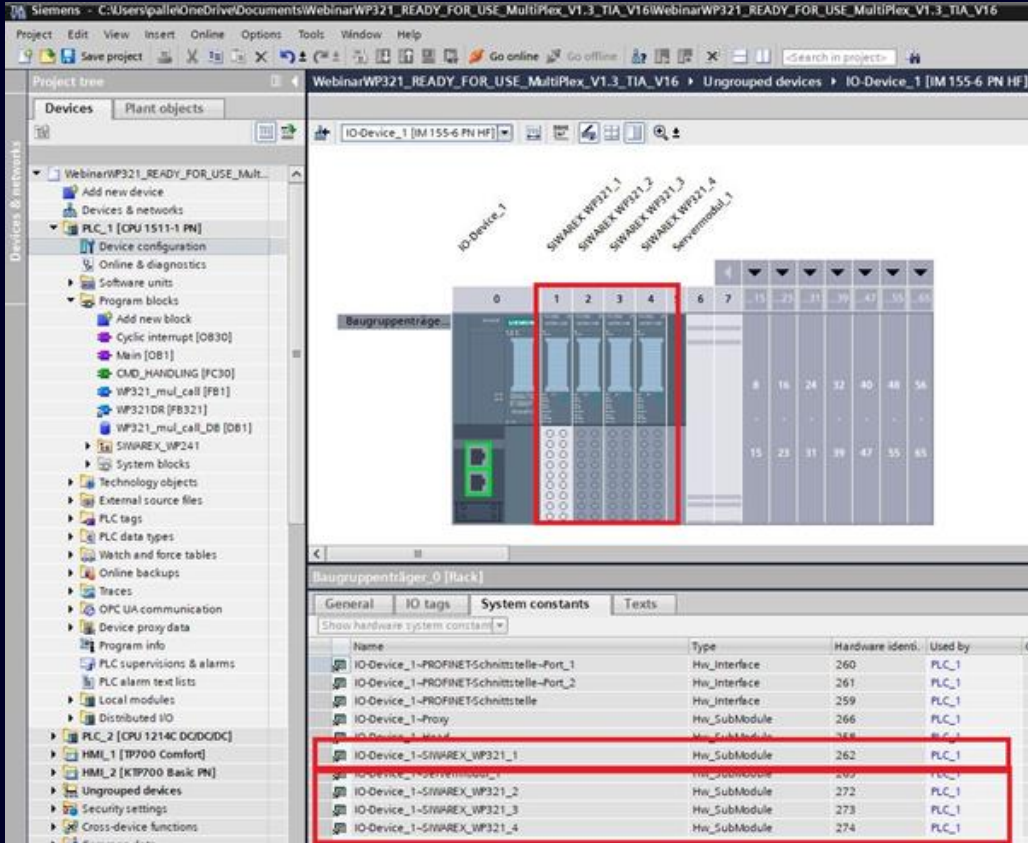


TAG Multiplexing

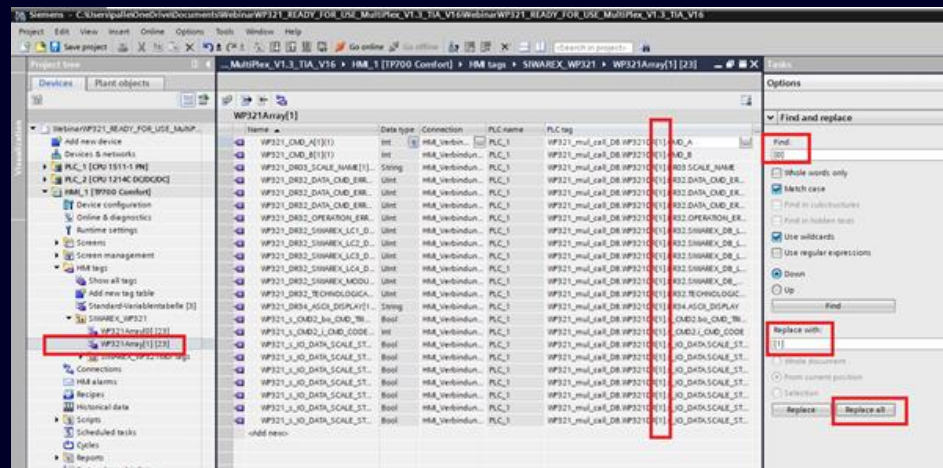


Opsætning af HW med 4 WP321 SIWAREX kort. Bemærk hardware identifier

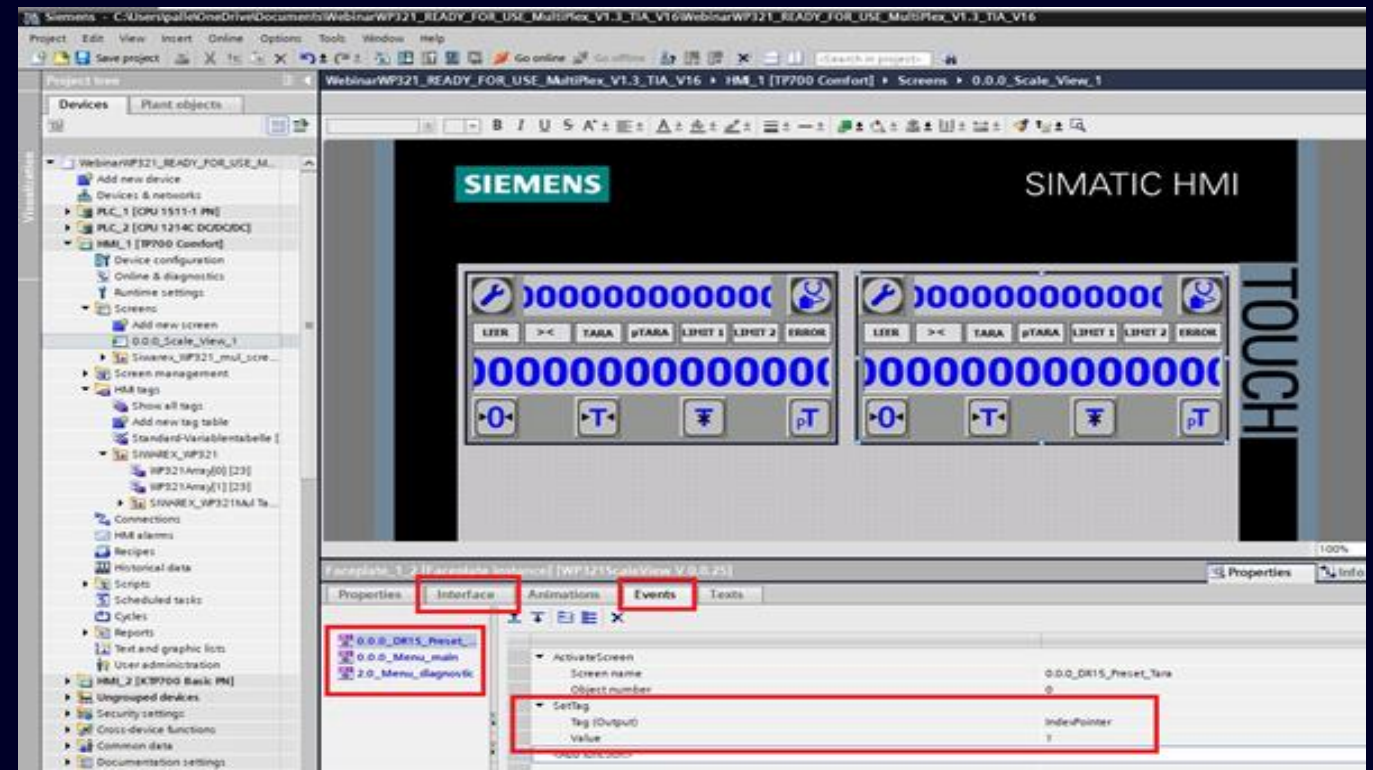
Udvider ArrayLengthMax,
compiler, indtaster de
respektive hardware identifiers



Kopier HMI tag table,
samt søg og erstat



Indsæt og link faceplate til tags og
events samt sæt indexPointer værdien
til det respektive array



Unified teaser

SIWAREX WP321

State
Production

Scale name
My Wp321

B 35.4 kg

Settings

Scale Status

Trend

Support & documentation

Empty

Stability

Limit 1

Limit 2

Tare

Preset tare

Controls

Zero setting

Tare

Preset tare pT

Delete tare

My Wp321

SIWAREX WP321

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Basic parameter

Scale name

Weight unit

Sample rate

My Wp321

kg

100Hz 120Hz 600Hz

Minimum weight (in d)

Maximum weight

20 d

100.000 kg

Resolution d (=e)

Gross indicator

0.100 kg

B G

EXIT

<

📄

>

SIWAREX WP321

Load cell interface

Process values

Scale state

SIWAREX DB device

SIWAREX DB load cell status

Process values

Gross (process)

Net (process)

Tare (process)

35.429 kg

35.429 kg

0.000 kg

Gross/Net weight

G/N weight x10

35.400 kg

35.430 kg

Operating time

1296 hours

18 minutes

Refresh counter

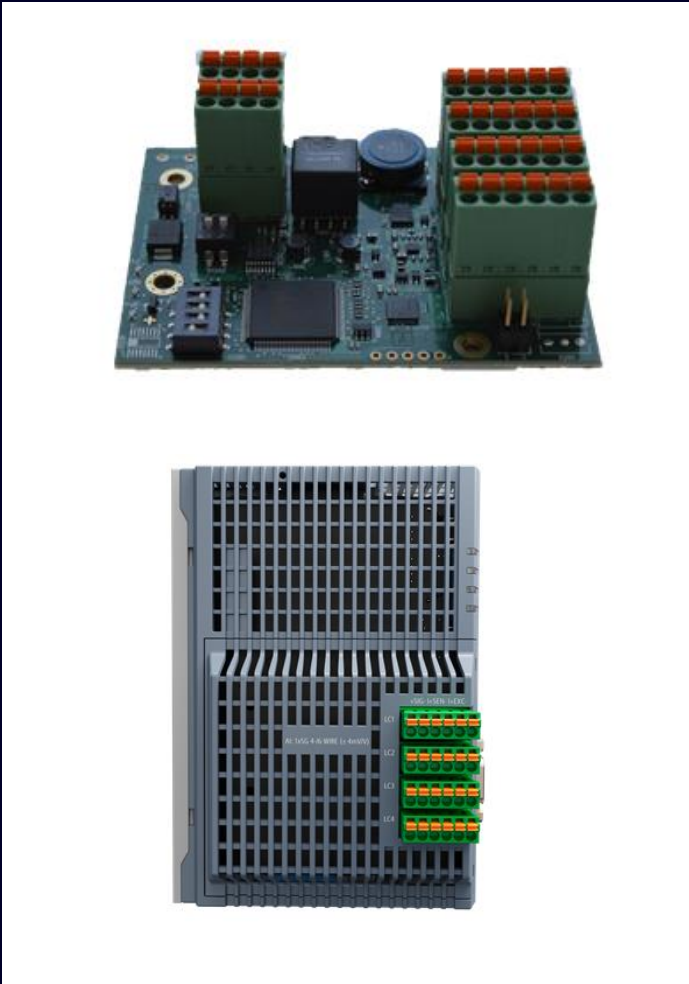
39742

EXIT

<

>

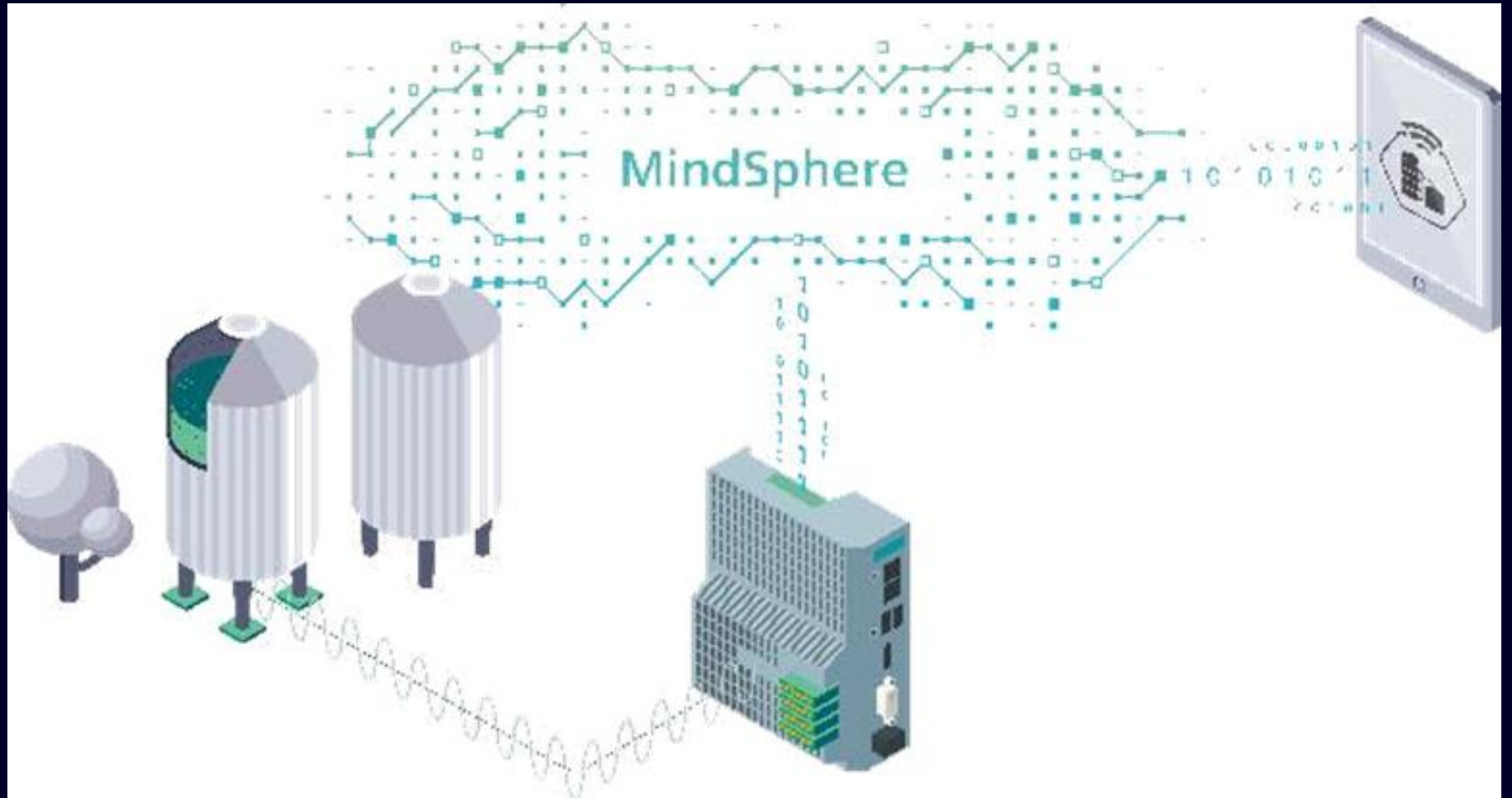
Nyheder - IoT



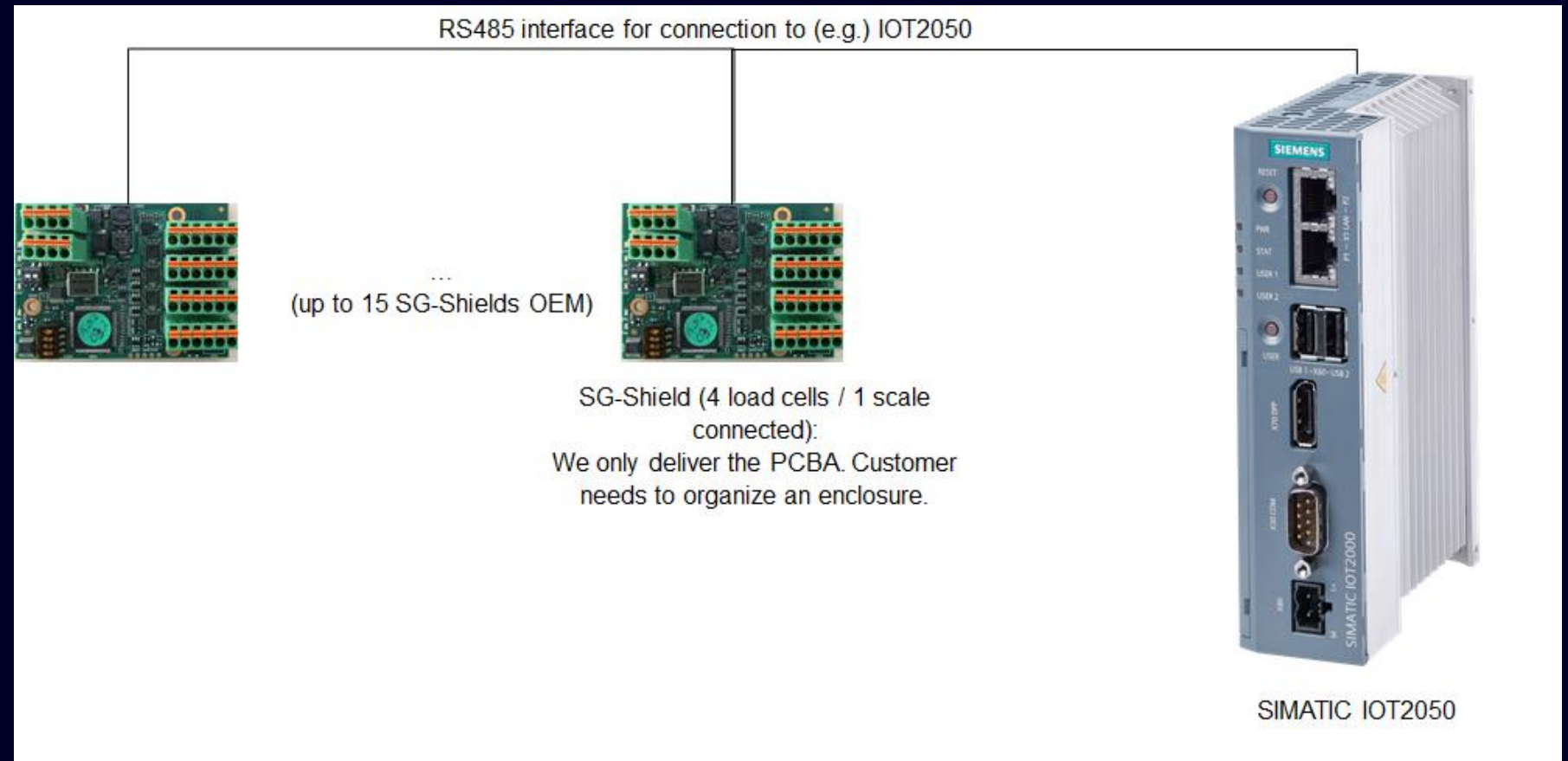
SG-Shield

- Op til 4 vejeceller
- Ingen PLC eller andet til rådighed
- Løsninger til flere enheder (15 stk.)

Eksempel på IoT



Disse muligheder



Service og support:

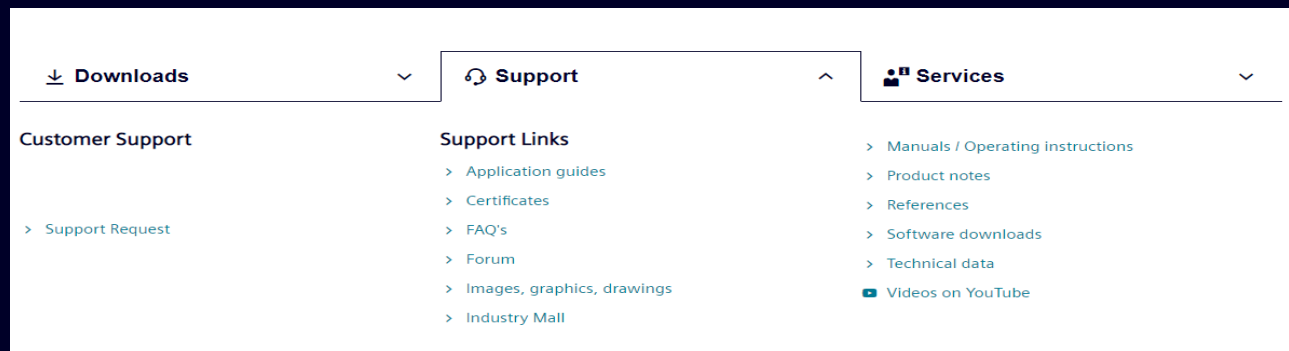
- Hvordan opretter man en service request?
- Kommer der en tekniker ud?
- Hvad gør man, hvis man uheldigvis ikke har et Siemens HMI?
- Kan SIWAREX kun parameteres via TIA-portalen?

Nyttige links og adresser

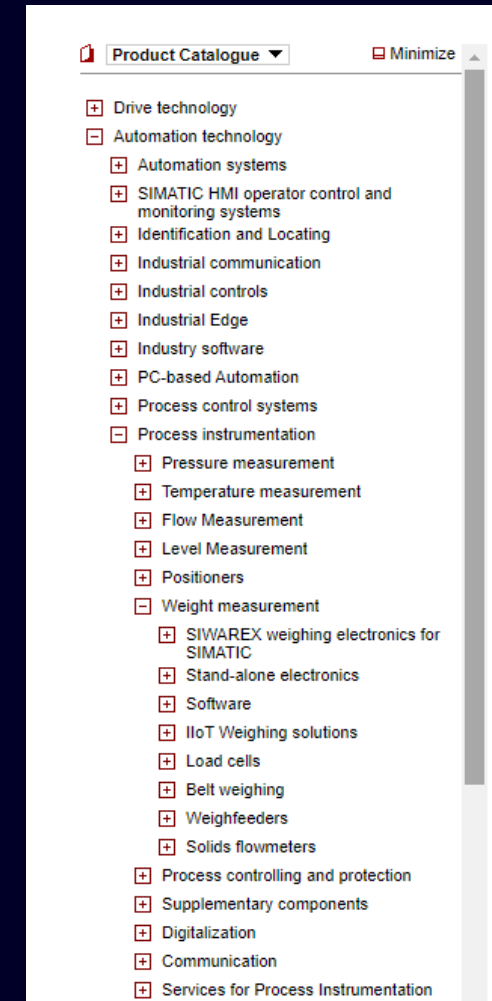
- SIWAREX – www.siemens.com/siwarex
- PIA – Selector - www.pia-portal.automation.siemens.com
- Siemens Industry Mall – www.siemens.dk/mall
- TIA Selection Tool – www.siemens.dk/tst
- <https://support.industry.siemens.com/cs/de/de/view/109802740>
(SW til SG Shield)

Vi deler links på webinarets website - www.siemens.dk/di-webinarer

SIWAREX hjemmeside



Siemens Mall



| Kontakt

Jesper Juul Jørgensen

jesper.j.joergensen@siemens.com

Palle Aagaard



SIEMENS

WEBINARER MED INSPIRATION, VIDEN OG VÆRDI

Industry Information Live

Tilmeld dig, se og gense på
www.siemens.dk/di-webinarer



Tilmeld dig på
www.siemens.dk/di-tilmeld-nyheder

Du finder også vores nyheder på
www.siemens.dk/di-nyheder

NYHEDSBREVE TIL INDUSTRIEN
UDKOMMER 8-10 GANGE OM ÅRET

Industry Information News

TIPS OG TRICKS PÅ YOUTUBE

Industry Information Demo

Find hurtigt playlisten og abonner via
www.siemens.dk/di-demo

