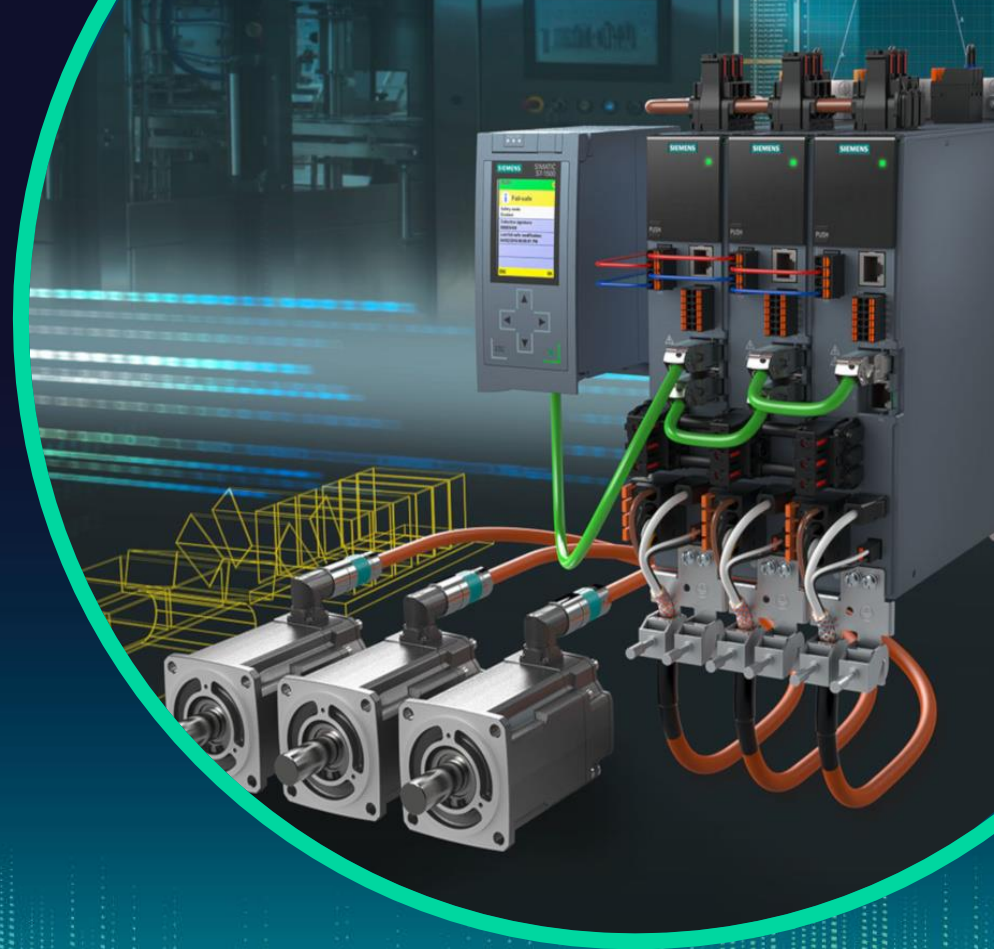


Motion Control på 5 minutter

Kom hurtigt og sikkert i gang
med Motion Control i TIA-portalen

SIEMENS



Dagens værter



Søren Jakobsen, Technology Specialist
Simon Sonne, Technology Specialist

SIEMENS



Dagens indhold

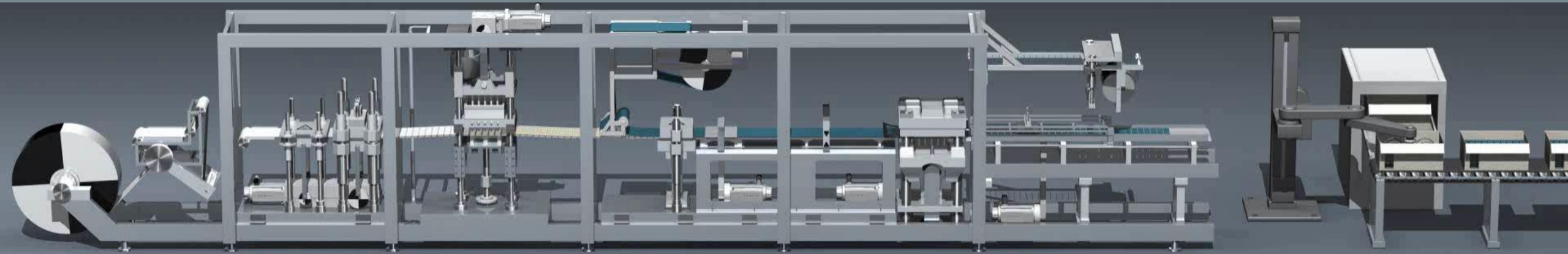
Motion Control på 5 minutter

Vi vil i dag fokusere på tiden... 

Måske spilder du tiden?



| Motion Control på 5 minutter



| Mange forskellige Motion Control discipliner

SIEMENS

Dagens indhold

Motion Control på 5 minutter

Multi-idriftsættelse af frekvensomformere
Idriftsættelse og tuning af Servo
PLC-programming til Motion
Drev - status og diagnose



Dagens indhold

Motion Control på 5 minutter

Multi-idriftsættelse af frekvensomformere

Idriftsættelse og tuning af Servo

PLC-programming til Motion

Drev - status og diagnose



Serial Drive Commissioner

Kan være tidskrævende at idriftsætte
SINAMICS Drives

1. Opret hardware konfigurationen i TIA-portalen
2. Idriftsæt frekvensomformeren
3. Download til frekvensomformeren



SIEMENS



Serial Drive Commissioner

Anvendelseksempel:

SINAMICS SDC: Serial Drive Commissioner

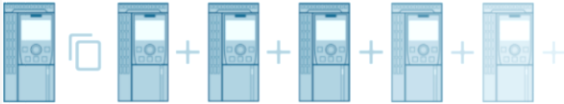
Entry

Associated product(s)

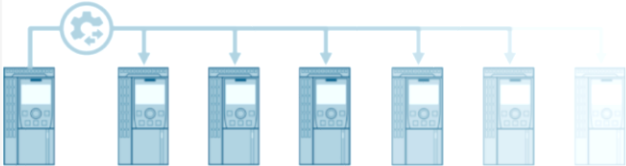
The openness application SINAMICS SDC (Serial Drive Commissioner) provides functionality to copy, update and download multiple drives. The devices of the SINAMICS G product line and SINAMICS S210 drives are supported.

When commissioning series of drives, the time expenditure of entering parameters for identical drives is an important factor. Multiple drives are frequently given identical parameters, yet each drive must be configured by hand, its parameters entered, and loaded.

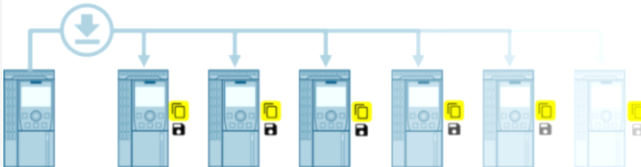
The SINAMICS SDC (Serial Drive Commissioner) application supports the creation of arbitrarily many drives with the help of a master drive. As an option, the copies can be interfaced to the same IO system as the master and a partner port interconnection (topology) from copy to copy can be performed.



Moreover, using SINAMICS SDC the configuration of a master drive can be transferred to any number of compatible drives. Drivespecific properties such as PROFINET settings, the failsafe address and the partner port interconnection are retained.



All drive profiles can then be loaded from the offline project to the drives. Once loading is complete the safety parameters can also be copied, and the obligatory failsafe copying of the driver parameters (RAM to ROM) can be performed.



The devices of the SINAMICS G product line and SINAMICS S210 drives are supported.

Screenshots











SIEMENS

Serial Drive Commissioner

Highlights

1. Reducer tidsforbruget betragteligt
2. Reducer risiko for fejlopsætning
3. Baseret på Openness



SIEMENS



Dagens indhold

Motion Control på 5 minutter

Multi-idriftsættelse af frekvensomformere

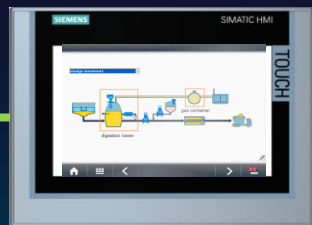
Idriftsættelse og tuning af Servo

PLC-programming til Motion

Drev - status og diagnose



Idriftsættelse og tuning af Servo



Technology Objects

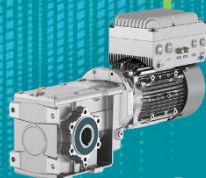
- Speed axis



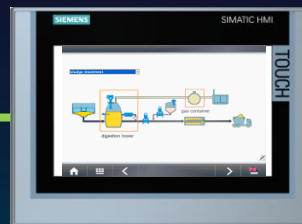
- Positioning axis



- Gearing axis



SIEMENS



Function Blocks

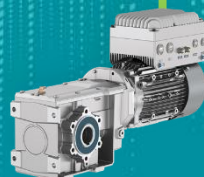
- Sina_Speed



- Sina_Pos



- Sina_Para



Idriftsættelse og tuning af Servo

Highlights

1. Intuitivt miljø
2. Ingen nødvendige Servo-kompetencer
3. Samme “look and feel” på tværs af drevsystemer



SIEMENS



Dagens indhold

Motion Control på 5 minutter

Multi-idriftsættelse af frekvensomformere

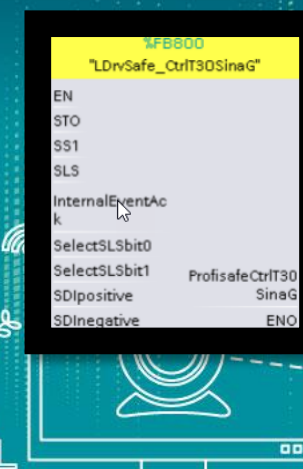
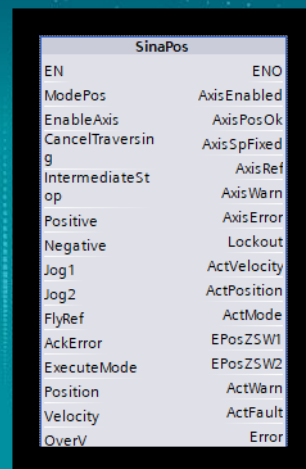
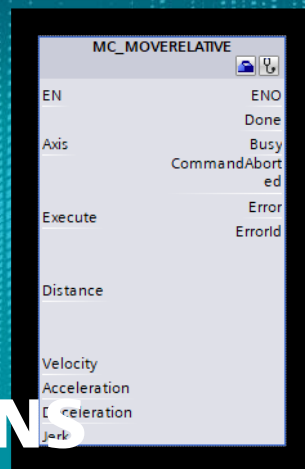
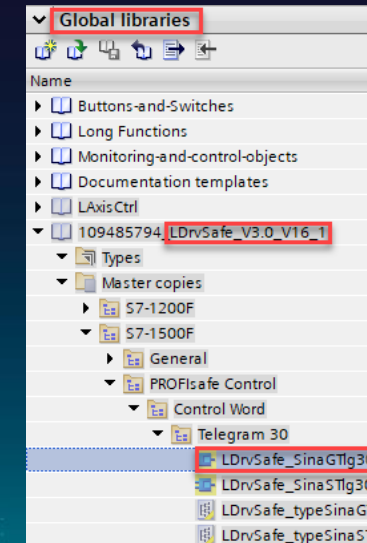
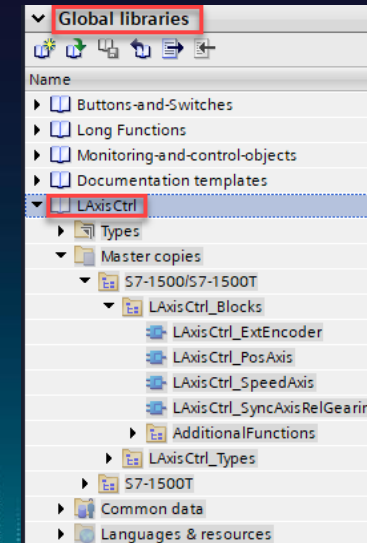
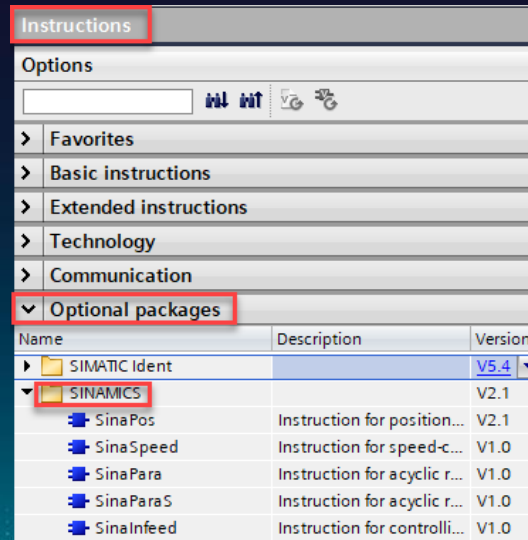
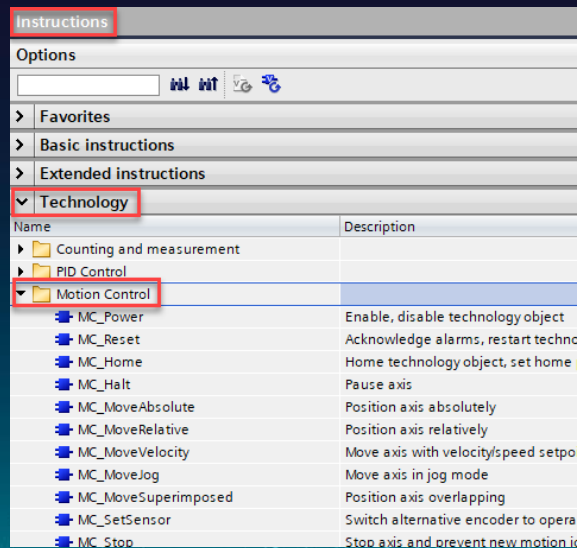
Idriftsættelse og tuning af Servo

PLC-programming til Motion

Drev - status og diagnose



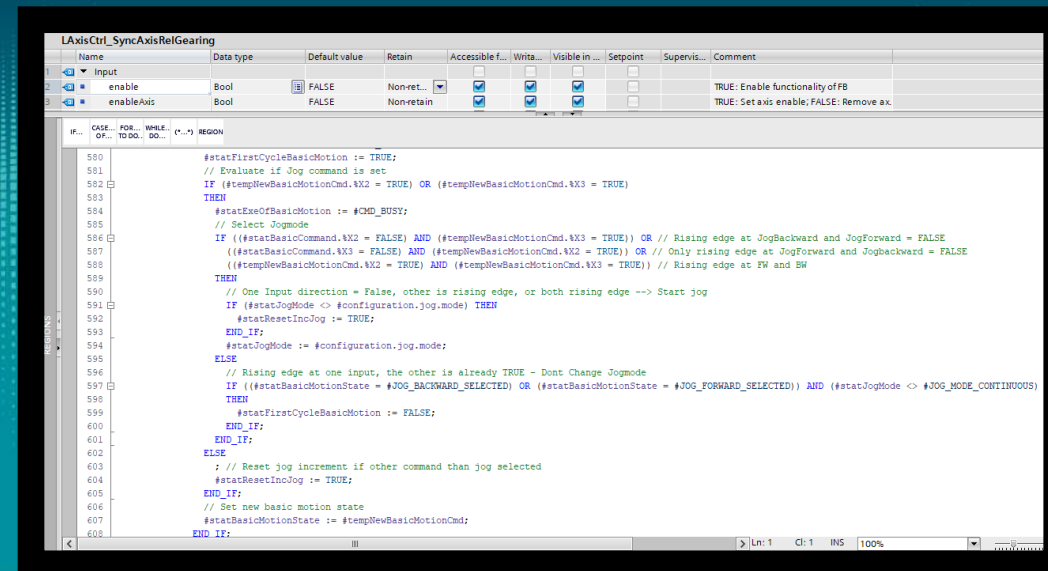
PLC-programming til Motion



PLC-programming til Motion

Highlights

1. Reduceret tidsforbrug ved anvendelse af færdige blokke
2. PLC Open kompatibel
3. Mindre risiko for fejlkode



Dagens indhold

Motion Control på 5 minutter

Multi-idriftsættelse af frekvensomformere

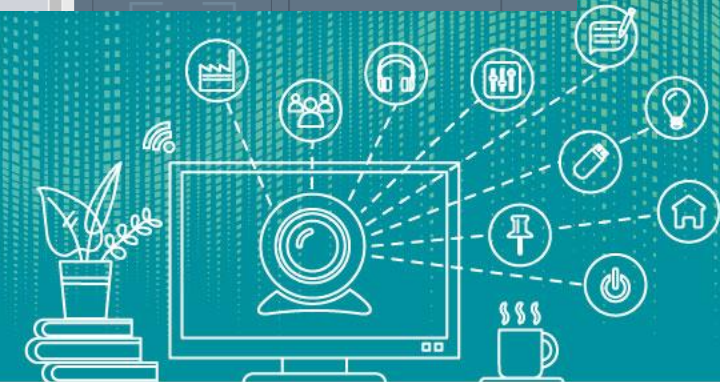
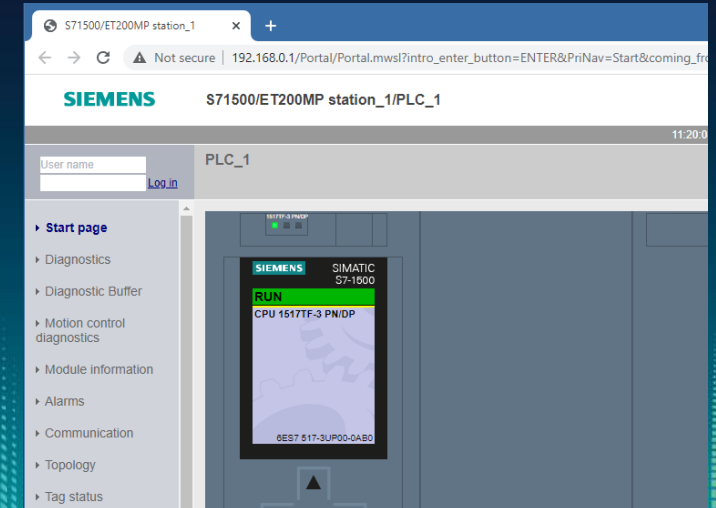
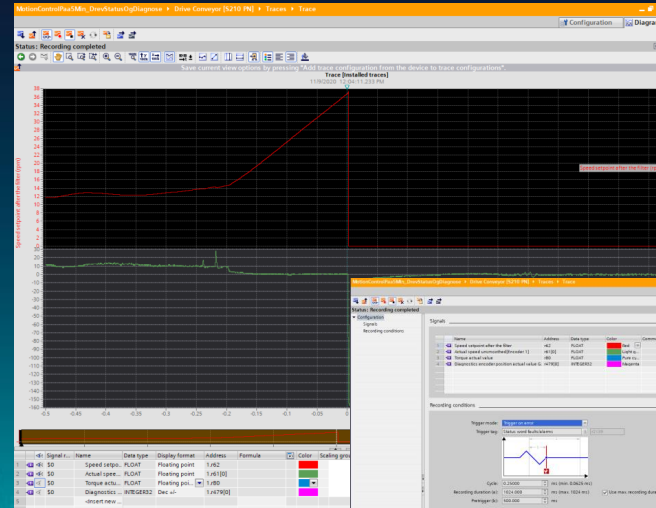
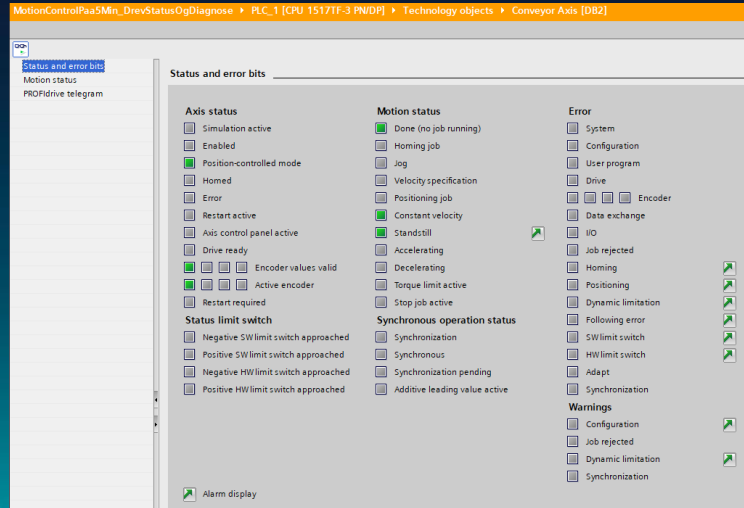
Idriftsættelse og tuning af Servo

PLC-programming til Motion

Drev - status og diagnose



Drev - status og diagnose

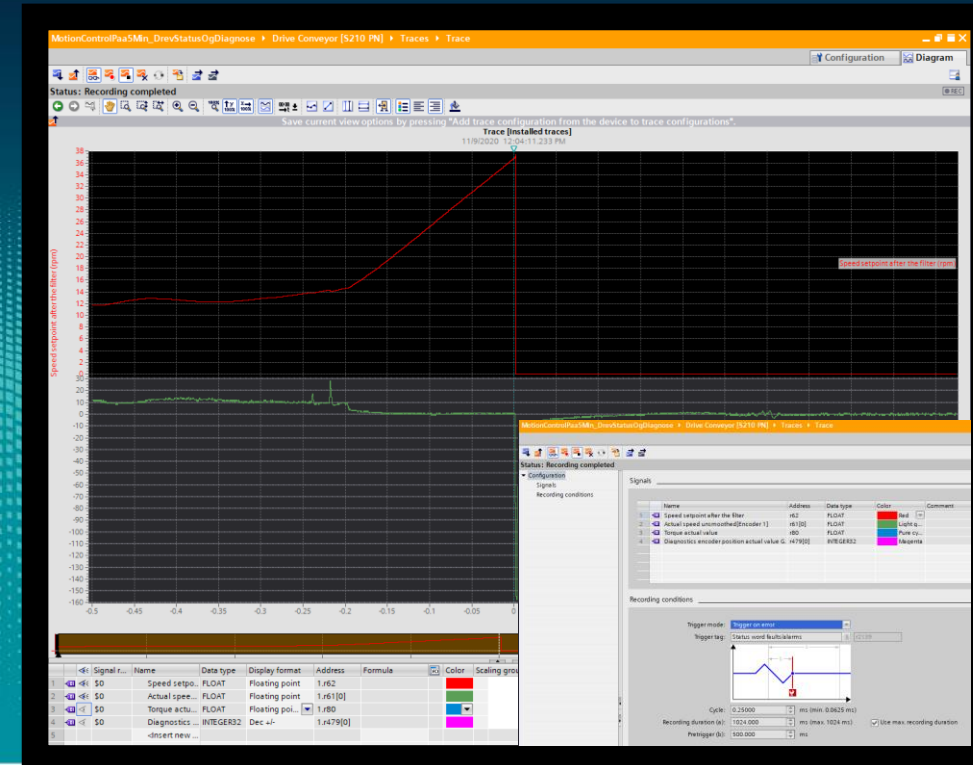


Drev - status og diagnose

Highlights

1. Hurtig fejlsøgning
2. Ensartet diagnose-miljø
3. Præcis og detaljeret diagnose

SIEMENS



| Kontakt

Søren Jakobsen

soeren.jakobsen@siemens.com

Simon Sonne

simon.sonne@siemens.com

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

