



Seminar Description

Advance training on Movitrac and Movidrive with application modules and IPOS

Control and positioning is becoming more and more important in modern applications. This means that the startup engineer has to know more than just the basic principles. Building on the "MOVIDRIVE® B compact seminar" or the "MOVIDRIVE® B – Operation, startup and fault repair" seminar, we will impart just that additional knowledge.

Target group: Startup engineers, construction engineers, project planners

Seminar objectives:

Participants will be able to:

- Start-up VFC-n and CFC control modules
- Use both the IPOSplus® positioning and sequence control
- Prepare and startup the inverter for IPOSplus® operation
- Program IPOSplus® in the programming language Compiler
- Assess the difference between programming languages Assembler and Compiler
- Perform reference travel
- Perform absolute/relative positioning
- Structure and comment a program
- Save data
- Change speeds during positioning
- Change fixed setpoints via IPOSplus®
- Startup application modules
- Startup absolute encoder and the corresponding card and replace the encoder

Contents:

1. **day**
 - Start-up VFC-n and CFC control modules
 - Introduction to the IPOSplus® user interface and its features
 - Difference between sequence and positioning program, task 1 and task 2, encoder
 - Preparing the inverter for IPOSplus® operation
 - Program user interface, working and system variables, tool bar, command entry
 - Performing reference travel
2. **day**
 - Creating a program for relative and absolute positioning
 - Creating a program using interrupt and arithmetic commands
 - Structuring and commenting a program, data backup and inverter replacement
 - Creating sample programs (speed variation during positioning, changing fixed setpoints, table positioning)
3. **day**



- Using interrupt commands
- Starting up the encoder and the corresponding card, encoder replacement
- Speed Sync, ISYNC synchronous operation and torque control
- Testing of learned material

Requirements:	Completion or knowledge level of the seminars <ul style="list-style-type: none">▪ MOVIDRIVE® B – Compact Seminar▪ MOVIDRIVE B – Inverter Basics with application modules
Methods:	Educational dialogs, practical exercises
Location:	DRIVEACADEMY
Duration:	3 days
Date:	Will be decided.
Trainer:	Drives & Automation trainer
Language:	English
Max. no. of participants:	8