

## SINAMICS G120 Basic - TIA Portal Startdrive (US-DVGPTM1A)

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### Type

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Instructor-led Learning

### Duration and Continuing Education Units (CEU)

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2.5 Days  
1.6 CEUs

### Target Group

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- Maintenance

### Objectives

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- Utilize G120 Architecture to troubleshoot Hardware Modules
- Troubleshoot the Power Electronics
- Operate the Drive via BOP-2 and/or IOP Operator Panels
- Perform Basic Commissioning and Set Up via BOP-2 and/or IOP
- Backup and Restore the Operating Program via Memory Card and OPs
- Establish communication with the TIA Portal Startdrive
- Upload, Archive, and Restore G120 Configuration via Startdrive
- Control Drive via Startdrive Control Panel
- Trace Signals within the G120 configuration utilizing BICO technology
- Modify/Trace Command and Setpoint sources
- Troubleshoot Drive via LEDs, Operator Panels, and Startdrive
- Use the Diagnostic Fault and Warning Buffer to troubleshoot the system
- Install or Replace Drive System Components

### Content

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- Introduction to SINAMICS G120 Drives
- Set up, Operation, and Data Backup via Operator Panels
- The Totally Integrated Automation Portal
- TIA Portal - Startdrive
- G120 Data Backup
- BICO Technology
- G120 Diagnostics
- Obtaining Technical Support/Additional Training

### Language

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English

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