

## SEAMLESS DRIVE INTEGRATION WITH LEGACY SYSTEMS

# Upgrade to SINAMICS on DeviceNet®

[usa.siemens.com/sinamics-drives](http://usa.siemens.com/sinamics-drives)

**Replace your obsolete A-B drive with a new Siemens drive on a DeviceNet network.**

### It's easy.

**No PLC changes or code modification.** Using our gateway and pre-engineered drive configuration files, you can replace obsolete A-B drives with new SINAMICS drives on a DeviceNet network equipped with a SLC 500 or PLC-5 controller without touching the PLC.

**No network configuration.** We've eliminated the need to modify the DeviceNet network when adding a new SINAMICS drive.

### It's cost effective.

**Our solution saves time and eliminates the need for legacy PLC and network expertise.** Drive replacements on DeviceNet networks can present maintenance personnel with an array of challenges and frustration. Typically, multiple software packages, code modifications and firmware revisions need to be managed to make these systems work correctly. With our pre-engineered solution specifically designed to replace obsolete A-B drives, migrating to a Siemens drive makes sense.

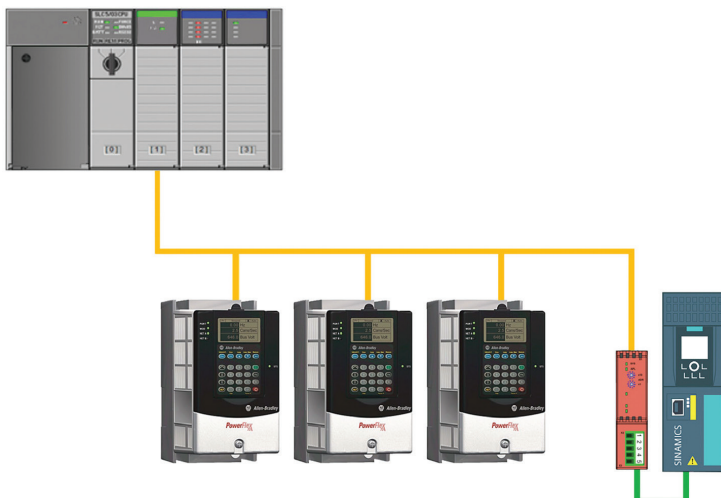
### How it works.

Our pre-engineered Siemens drive configuration files mirror the capability and network configuration of the replacement A-B drive. Once downloaded to the new SINAMICS drive, it will behave just like the A-B drive it replaced.

### Five steps to SINAMICS

- Replace obsolete A-B drive with modern SINAMICS drive
- Perform routine startup of the SINAMICS drive
- Connect [DeviceNet gateway](#) to SINAMICS drive and PLC
- Disable electronic keying in RSNetworx for DeviceNet
- Copy the matching configuration file to the drive

Solutions are available to replace the following A-B drives on DeviceNet: Bulletin 1305, Bulletin 160, PowerFlex 4, 40, 70, 700 drives with A-B SLC 500 and AB PLC-5 PLCs.



# Why switch to Siemens drives?

## Because SINAMICS makes SENSE.

### Superior drive performance

**Quality and reliability**—100% Siemens designed and manufactured—providing you with innovative, high-quality, reliable drives that meet or exceed the latest standards. We provide end-to-end product lifecycle support including thoughtful revision management, legacy support and modernization solutions.

**The right drive for the right application**—General purpose, high-performance, servo, HVAC, pump, fan, compressor, distributed and on-machine, fractional to high horsepower, enclosed or DC.

### Easy-to-use

**Common drive parameters**—The parameter structure is the same across SINAMICS drives - simply learn one drive and apply your knowledge to all SINAMICS drives.

**Free support and free software**—Call or chat with experts using the free, US-based drives technical support hotline. Use free SINAMICS Startdrive software to commission, optimize and troubleshoot.

### Networked

**EtherNet/IP™ built-in**—SINAMICS drives feature a dual-port ethernet interface that can be configured for EtherNet/IP or PROFINET via a simple parameter selection.

### Safe

**Safety functions are integrated in SINAMICS drives**—Whether hard-wired into an existing system or linked via PROFISafe to SIMATIC controllers, SINAMICS drives allow you to innovate to the latest safety concepts. This gives you shorter commissioning times, greater cost-efficiency thanks to efficient engineering, and certified solutions.

### Evolved for Digitalization and the future

**SINAMICS drives are ready for the digital era**—Create digital twins with SINAMICS DriveSim Basic to simulate, adapt and optimize specific drive combinations and their behavior in machines and systems. Transfer data to Cloud platforms via MindConnect where the information collected can help make your system or plant more productive.



### SINAMICS makes SENSE.

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- E** Easy-to-use
- N** Networked
- S** Safe
- E** Evolved for Digitalization and the future

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