

**SIEMENS**

Motion control

# EtherNet/IP

Open your Industrial Ethernet connectivity with SINAMICS S120 drives

[usa.siemens.com/eip](http://usa.siemens.com/eip)

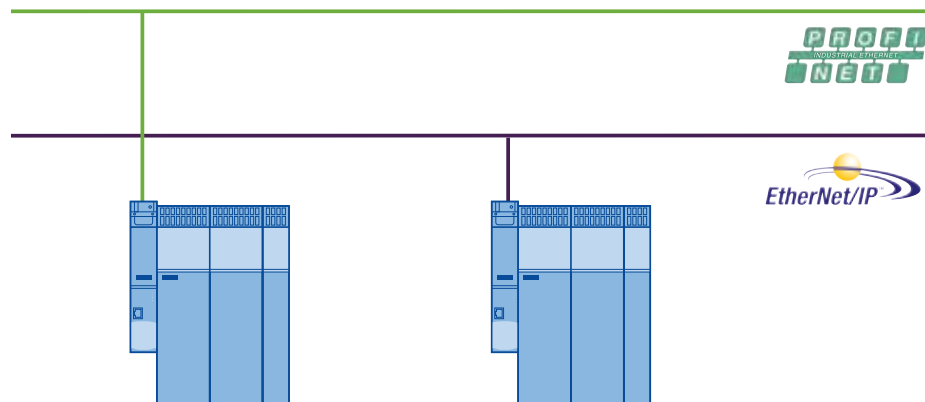
# SINAMICS S120 drives

As a global leader in drive technology, Siemens stands out front with progressive Industrial Ethernet developments. SINAMICS S120 drives, known the world over for innovative drive technology, are also well ahead of the Industrial Ethernet connectivity curve.

With direct network connectivity to PROFINET, EtherNet/IP and standard Ethernet TCP/IP, SINAMICS S120 drives always fit comfortably within your plant's network. Backed by proven experience in the widest range of demanding applications, the choice to use SINAMICS S120 drives for your next application is more clear than ever.

## SINAMICS S120 drives at a glance

- Single drive and common DC bus formats
- Wide power range from 0.25 hp to over 2,500 hp
- Voltage offerings from 230V to 690V AC
- Operation in servo, vector, and V/Hz modes
- Full range of Safety Integrated features
- Power-saving line regenerative variants
- Active Front End technology for premium efficiency
- Built-in positioning and programmable logic functions





### Flexible

We face a global environment with demanding and ever-changing requirements. Designing your machinery to be flexible, yet standard, seems like an insurmountable task. The SINAMICS S120 drive platform offers a single line of drives for demanding applications across various motor types, power ranges and geographic locations. Designed to give you a consistent platform with maximum flexibility, SINAMICS S120 drives provide you the one constant in your machine designs.

### Efficient

SINAMICS S120 drives supply the technology to increase your efficiency. Whether sharing power across the common DC bus or regenerating power back to the line, the most efficient solution for your machine is always available.

### Established

The highly-acclaimed common DC bus format of the SINAMICS S120 drive platform provides a compact and proven design. Used in the most demanding applications including CNC, heavy industries and renewables, SINAMICS S120 drives are always ready.

### The icing on the cake —

SINAMICS S120 drives offer direct connectivity to the leading Industrial Ethernet protocols providing maximum flexibility and leading-edge technology in the same package. The Communication Board Ethernet (CBE) for SINAMICS S120 drives now offers protocol stacks for both PROFINET and EtherNet/IP, in addition to standard Ethernet TCP/IP. With four built-in ports, external devices are eliminated and connectivity is always available to SINAMICS S120 drives.

Siemens Industry, Inc.  
5300 Triangle Parkway, Suite 100  
Norcross, GA 30092  
1-800-879-8079  
mcs.motioncontrol.industry@siemens.com  
Order No. MOBR-ES120-0212  
Printed in USA  
© 2012 Siemens Industry, Inc.  
[usa.siemens.com/motioncontrol](http://usa.siemens.com/motioncontrol)

This brochure contains only general descriptions or performance features, which do not always apply in the manner described in concrete application situations or may change as the products undergo further development. Performance features are valid only if they are formally agreed upon when the contract is closed.

Siemens is a registered trademark of Siemens AG. Product names mentioned may be trademarks or registered trademarks of their respective companies. Specifications are subject to change without notice.