

*BradCommunications solutions use well known product lines such as applicom®, Direct-Link™ and SST™ to provide the communication components vital to building, validating, diagnosing and maintaining a reliable automation network.*

*If you need to communicate with an industrial network, look to BradCommunications products. Our PC and PLC network interfaces, gateways, simulation software, diagnostic tools and Industrial Ethernet switches work with an array of industrial networks including Allen-Bradley® DH/DH+™/RIO, CANopen®, ControlNet™, DeviceNet™, PROFIBUS®, Modbus Plus™, WorldFIP®, and a wide range of Ethernet and Serial protocols.*

## NETWORK INTERFACES



Connect a PC or PLC to an industrial network.

PC interfaces provide the means for a PC computer to act as a master/scanner or slave/adaptor on an industrial network. Applications include performing PC control, HMI, SCADA and operator interface functions. Bus formats supported include PCI universal bus 3.3V/5V, ISA, PC/104, PCMCIA, CompactPCI and VME. Software tools are available that perform network diagnostic and configuration utilities and data servers for connecting to OPC and DDE applications.

PLC interfaces - connect a PLC controller to an otherwise incompatible industrial network or I/O device as either a master/scanner or slave/adaptor.

## GATEWAYS

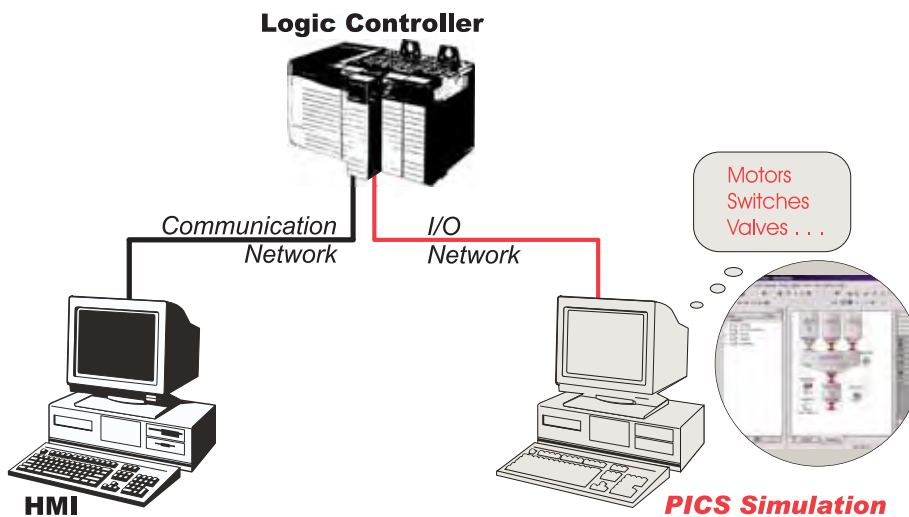


Integrate networks and devices easily and seamlessly. Whether it's connecting to a new device, providing a communications link between two or more networks or implementing Ethernet, our gateway solutions provide the flexibility and freedom to communicate with many systems. The built-in configuration menus provide for an easy setup while the on-line diagnostic screens help to reduce network maintenance.

Woodhead Industries through its BradCommunications brand is committed to leading the industry with innovative communication solutions backed by superior service and technical expertise.

For more information on the BradCommunications brand, ask for a copy of the "Industrial Communication Solution Guide", reference number DW200448 or visit [woodhead.com](http://woodhead.com)

## SIMULATION SOFTWARE



Test and validate your PLC program and associated software applications and train operators before the system goes on line. Ensuring the PLC program is tested and working the way it was intended has never been quicker or easier. BradCommunications PICS Simulation® software transforms a PC into the I/O devices found on the factory floor. Connected to the PLC running the actual PLC program, the PC provides real-time feedback to the PLC so testing and validation of the system can all be done in an office environment. Once the program has been tested and validated, the simulation software can then be used to train operators, eliminating the risk of injury to both the operator and plant-floor equipment.

## DIAGNOSTIC TOOLS



Quickly identify problems related to network power, data errors and excessive bandwidth consumption. BradCommunications diagnostic tools provide live-network validation and troubleshooting capabilities which accelerate the troubleshooting of faults and help to prevent network downtime by predicting faults before they occur.

For product & technical information visit [www.woodhead.com/eCatalog](http://www.woodhead.com/eCatalog)



## The Only Tools You'll Need To Power Up.

### A Complete, Modular Power System Without Hard-Wiring

With BradPower™ modular power systems, there's no need to hard-wire your machinery. You'll power up without bending conduit, without pulling wires and without using special tools. Our NFPA-79-compliant cordsets and connectors are all you need.

BradPower components are both flexible and scalable, so they're easy to install, move, repair and maintain. What's more, electrical installation and commissioning times can be reduced by as much as 80%!

BradPower...power without the pipe – available only from Woodhead Industries.



**BradPower™**  
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## ULTRA-LOCK™ THE REVOLUTIONARY NEW CONNECTION SYSTEM.

It's the fastest, easiest, most secure connection ever introduced.

The revolutionary Ultra-Lock Connection System uses innovative push-lock technology to make quick M12 connections. The results are the elimination of downtime, higher productivity and lower costs.

With Ultra-Lock connectors, you simply push down to connect...and pull up to disconnect. There's no twisting or turning. Once the connector is locked into place, it stays locked. The unique radial seal is operator-independent, so there's no chance for over- or under-tightening.

## PUSHED FOR TIME? PERFORMANCE? RELIABILITY?

The Ultra-Lock Connection System was developed by the company that's provided you with trusted Brad Harrison® products for years. When time, performance and reliability are critical, demand the Ultra-Lock System.

See how Ultra-Lock can work for you – [woodhead.com/ultralock](http://woodhead.com/ultralock)

**BradConnectivity™**  
from Woodhead Industries



For product & technical information visit [www.woodhead.com/eCatalog](http://www.woodhead.com/eCatalog)