



CROSS
automation

Your Complete Automation Solutions Provider

Cross Automation

800.866.4568 / 704.523.2222

704.523.6500 (fax)

PO Box 1026, Belmont, NC 28012

email: info@cross-automation.com

web: www.cross-automation.com



An Employee Owned Company Since 1979



ADVANTECH



BALLUFF



Panasonic



Cutler-Hammer



INDUSTRIAL AUTOMATION

PLCs and PC Control

- ADVANTECH HMI & PC Based Controllers and Software
- OMRON PLCs
- PARKER CTC HMI & PC Based Control Software
- PHOENIX CONTACT STEEPLCHASE PC Based Control Software

Industrial Computers & HMI

- ADVANTECH Flat Panel PC systems, Rack and Shoebox Industrial Computers, Embedded Computers, HMI & SCADA software
- MAPLE SYSTEMS Operator Interface Terminals
- OMRON Operator Interface Terminals
- PARKER CTC Operator Interfaces, Industrial Computers, HMI & SCADA software
- PHOENIX CONTACT HMI's Industrial PCs and Operator Interface Terminals
- RED LION Operator Interface Terminals

Sensors, Vision & Safety

- AVALON Machine Vision Technology, VisionScope™, QualityStation™, PlantVision™
- BALLUFF Proximity Sensors, Photoelectric & Laser Sensors
- EATON CUTLER-HAMMER Proximity Sensors, Global Sensors
- JOKAB Safety PLC, Hardguarding, Safety Light Curtains, Safety Mats & Safety Interlocks
- KMV X-Ray Vision Systems
- NATIONAL INSTRUMENTS Industrial Machine Vision
- OMRON Photoelectric, Proximity, Measurement, Ultrasonic, Pressure, Limit Switches, Vision Sensors and Systems
- OMRON STI Safety Light Curtains, Safety Mats & Safety Interlocks
- OPTEX Fiber Optic, Photoelectric & Proximity Sensors
- PANASONIC ELECTRIC SUNX and Aromat, Fiber Optic, Photoelectric & Proximity Sensors
- PHOENIX CONTACT Sensor Connectivity and Cabling
- SIEMENS NERLITE Machine Vision Illumination

Fieldbus I/O

- ADVANTECH ADAM PC Based & Remote I/O
- BRAD [WOODHEAD/SST] Fieldbus Interface Cards for PCs & PLCs, Network Diagnostic Tools, Industrial Network Connectors & Cables
- OMRON DeviceNet I/O
- PHOENIX CONTACT DeviceNet, Profibus, Ethernet I/O, Interbus, Wireless I/O

Drives and Motors

- BODINE ELECTRIC Gearmotors & Drives
- CONTROL TECHNIQUES AC & DC Drives
- EATON CUTLER-HAMMER AC Drives & Motors
- KB ELECTRIC AC & DC Drives
- MARATHON MOTORS AC Motors
- OMRON AC Drives
- YASKAWA AC Drives

Control Components

- AUSTIN Enclosures
- DANAHER CONTROLS Encoders, Counters, Timers and Displays
- EATON CUTLER-HAMMER Contactors, Overloads, MSPs, Control Relays, Push Buttons, Stack Lights, Limit Switches, Terminal Blocks
- IDEC Relays, Push Buttons, and Power Supplies
- IBOCO Integrated Panel Management
- LS INDUSTRIAL SYSTEMS Contactors, Mini Circuit Breakers, Control Relays, Molded Case Circuit Breakers, Overloads and Manual Motor Starters
- OMRON Relays, Timers, Counters, Limit Switches, Power Supplies
- PHOENIX CONTACT Terminal Blocks, Signal Conditioners, Relays, Power Supplies, Transient Protection
- RED LION Counters, Timers, Panel Meters
- RITTAL Enclosures



MOTION CONTROL

Precision Motion Control

CONTROL TECHNIQUES
EMPIRE MAGNETICS
GALIL
INTELLIGENT MOTION SYSTEMS
OMRON
PARKER ACROLOOP
PARKER COMPUMOTOR
PARKER TRILOGY
YASKAWA

Servo Motors, Drives and Controls
Specialty Motors for Harsh Environments
Servo and Stepper Controls
High Performance Motors, Drives and Controls
Servo Motors and Drives, Single System Motion and PLC Control
High Performance PC Based Motion Controllers
Servo and Stepper Motors, Drives and Controls
Linear Servo Motors and Systems
Servo and Stepper Motors, Drives and Controls

Mechanical Automation Systems

BISHOP WISECARVER

Actuators for Harsh Environments with Smooth, Quiet, and Low Vibration Motion
Linear Ways and Linear Bearings
Precision Positioning System
Ultra High Precision Gearhead
Rod and Rodless Electric Cylinders
Precision Gearheads and Linear Positioning Systems
Standard and Custom Positioning Systems, Precision Gearheads

Feedback Devices

BALLUFF
DANAHER CONTROLS
HEIDENHAIN
SONY
TR ELECTRONIC

Linear Displacement Transducers
Encoders
Linear and Rotary Encoders
Precision Encoders and Gauging Products
Linear Displacement Transducers, Encoders,
String Pots, Laser Measurement Devices

eDATA SOLUTIONS

RFID and Bar Code

ACCUSORT

FAST Tag Family of RFID Compliance Solutions Quickly & Cost-effectively Meet RFID Tagging Mandates

BALLUFF IDENTIFICATION SYSTEMS
HANDHELD PRODUCTS
INTERMEC

Innovative Packaged Solutions for Closed Loop RFID Applications
Mobile Computers, Handheld Imagers, Bar Code Verification Solutions
Mobile Computing, RFID, Wireless Networks, and Media Technology Solutions

MICROSCAN

2D/UID Imaging Solutions. Industrial Bar Code Scanners, OEM/Embedded Scanning Engines

OMRON
SYMBOL

Advanced Industrial RFID & 2D Imaging Solutions
RFID, Bar Code, Mobile Computing, Wireless Infrastructure

Printing

ID TECHNOLOGY
SATO
ZEBRA

Print and Apply Solutions, Laser Part Marking Systems
Complete Line of RFID Print Engines
Innovative and Reliable Bar Code, RFID, Specialty Printing Solutions

Software & Systems Integration

A2B TRACKING
ICONICS

Software & Systems Solutions for DoD Mil-STD 130 UID Compliance
HMI/SCADA & Visualization. Manufacturing and Business Intelligence Solutions.

MOBILEFRAME
PHOENIX CONTACT STEEPLECHASE VLC

Mobile Application Development Software
PC Control Solution with Flow Chart Programming and Powerful Database Connectivity

SYSTEM CONCEPTS

RFID Solutions for Industrial Process Control, Inbound/Outbound Compliance, Real-Time Asset Location

Mobile Computing

INTERMEC
KONTRON

Rugged Pocket PCs for the Enterprise
Rugged Mobile Computing Systems

M2M

ADVANTECH
PHOENIX CONTACT AUTOMATION WORX

eAutomation Solutions. I/O, PCs and Software for Data Collection
Industrial Ethernet Infrastructure Solutions. Wireless, Fieldbus I/O, Switches, Media Converters and Connectors

Information Display

FACTORY VISION

Andon Display Boards, Marquees. Manufacturing Performance Monitoring Solutions.