



**Niobrara Research & Development Corporation**  
 PO Box 3418 417-624-8918  
 Joplin, MO 64803 USA 800-235-6723  
 www.niobrara.com Fax: 417-624-8920

## Selected NR&D CAPP Products



### CERI-001



The CERI Module is a Compact Ethernet Remote Interface. It replaces the PLC CPU or DEA-202 interface in a Compact Primary Rack and maps the installed A120 I/O to Modbus/TCP. The CERI can then be controlled via Ethernet from another PLC with a standard I/O Scanner allowing a simple migration to the M340 while retaining existing racks and I/O. Device is configured through the built-in Web server and front panel LCD/keypad.

### CNOE/CNOS



The CNOE/CNOS are communications modules for the TSX Compact PLC. They are available with Ethernet only, serial only, or Ethernet with serial. The Ethernet is 10/100BaseT and supports Modbus/TCP. The serial ports are switchable RS-232/485 supporting Modbus and 17 other protocols. Concept and ProWORX programming is supported, along with MSTRs and I/O Scanning.

### MUCM



The MUCM is a user programmable serial communications Momentum specialty base that interfaces with Momentum communication adapters and PLCs. Two isolated RS-232 and/or RS-485 ports are provided. The MUCM is a powerful module that can be used in a variety of stand-alone applications such as serial protocol converter, data logger, or ASCII serial device interface.

### MST



Niobrara's MST products are optically isolated serial communications adapters for TSX Momentum I/O. The MST may be used with any Momentum I/O Base to allow read+write control from a serial network. RS-485 and RS-232 versions are available with many common protocols including Modbus RTU and ASCII.

### QUCM



The QUCM is a programmable communication module for the Quantum PLC with two serial ports and an optional Ethernet port. The QUCM runs compiled structured text language programs that feature a real-time clock, a TCP/IP stack, and a large number of internal registers. Niobrara offers programming services to provide drivers for custom applications with many free to download from our Web site at [www.niobrara.com](http://www.niobrara.com). The QUCM is fully Unity Pro compatible.

### QRIO-002



The QRIO is an Allen-Bradley Universal Remote I/O Scanner for the Quantum PLC. It is ideal for customers who want to upgrade from an existing A-B Remote I/O network to a Quantum PLC without changing out the existing Remote I/O. The QRIO supports up to two RIO networks and may be used in a Quantum HSBY system. Users can also use the QRIO to add specialty RIO devices to an existing Quantum PLC system. The QRIO is fully Unity Pro compatible.

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