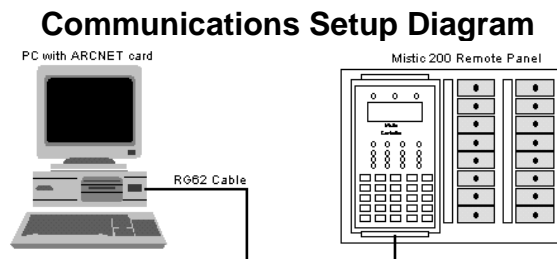


The Mistic 200 I/O Server is a Microsoft® Windows™ based application that acts as a communications server allowing other Windows based programs access to data from the OPTO 22 Mistic 200 Controller. The Mistic 200 I/O Server may be used by any Windows based application capable of acting as a DDE or SuiteLink™ aware client.

The Server communicates with the Mistic 200 controllers via ARCNET cards in the personal computer and supports reads and writes to points defined in the Mistic 200 controller.

Features

- Communicates to the Mistic 200 controller via ARCNET (PCI20-CXS and ISA) cards in the personal computer.
- Minimizes system message traffic by dynamically calculating and optimizing poll lists to read only client-requested items/points.
- Supports multiple topics, allowing multiple scan rates to be used for polling items/points.
- Provides a communications status flag for each topic.
- Polls each controller not responding to its requests at a slower rate until it re-establishes communications.
- Supports DDE or SuiteLink™ protocols.



Specifications

Hardware	Minimum PC hardware and memory requirements of operating system, ARCNET (PCI20-CXS or ISA) card installed in the PC, RG62 cable with BNC connectors when using ARCNET cards
Communications	The PC communicates through ARCNET (PCI20-CXS and ISA) cards to the Mistic 200 controller.
Accessible Data Types	Digital I/O Points, Analog I/O Points, User Defined Variables (<i>Integer, Real, String</i>), Numeric Table Data (<i>Integer Tables, Real Tables</i>), PID Parameters (<i>P Term, I Term, D Term, Control Word, Output Value, Input Value, Setpoint</i>).



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