



## Modbus TCP/IP Client Communication Module

### MVI69-MNETC

The MVI69 Modbus TCP/IP Client Communication Module is designed to allow CompactLogix I/O compatible processors to interface easily with other Modbus TCP/IP protocol-compatible devices.

Compatible devices include not only Modicon processors (which support the Modbus TCP/IP protocol) but also a wide assortment of other server devices.

### Features and Benefits

This module was created to improve the performance when obtaining data from multiple servers on a Modbus TCP/IP network. The module supports up to 30 client connections with up to 16 commands for each client, making it easy to enable/disable the commands from the ladder logic. The client command control word contains one bit for each command. This module does not support the conditional write command.

Some of the other features include:

- Support for the storage and transfer of up to 5000 registers to/from the CompactLogix processor's controller tags
- User-definable module memory usage
- 10/100 Base-T Ethernet compatible interface
- Configurable parameters for the client include:
  - Minimum Command Delay
  - User Defined Commands (Read/Write)

### General Specifications

- Single Slot - 1769 backplane compatible
- The module is recognized as an Input/Output module and has access to processor memory for data transfer between processor and module
- Ladder Logic is used for data transfer between module and processor. Sample ladder file included.
- Configuration data obtained from configuration text file downloaded to module. Sample configuration file included.
- Supports all CompactLogix processors: L20/L30/L31/L32/L35, L43 and L45 (L43 and L45 supported with RSLogix 5000 v16.03 or later)
- Also supports MicroLogix 1500 LRP

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*With the growing trend of Ethernet technology in the industrial marketplace, this product has a wide variety of application uses.*

- Food processing
- Petrochemical
- Pulp and paper
- Automobile manufacturing
- Water and Wastewater
- Oil and Gas
- Power and Electric

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+603.7724.2080, asiapc@prosoft-technology.com  
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+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com  
Languages spoken include: French, English

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+1.661.716.5100, support@prosoft-technology.com  
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#### Latin America (Sales only)

+1.281.298.9109, latinam@prosoft-technology.com  
Languages spoken include: Spanish, English

#### Brasil

+55-11.5084.5178, eduardo@prosoft-technology.com  
Languages spoken include: Portuguese, English

