



IMPACT[®]

MX and MX-U Series

Ethernet Adapter
Configuration

Introduction

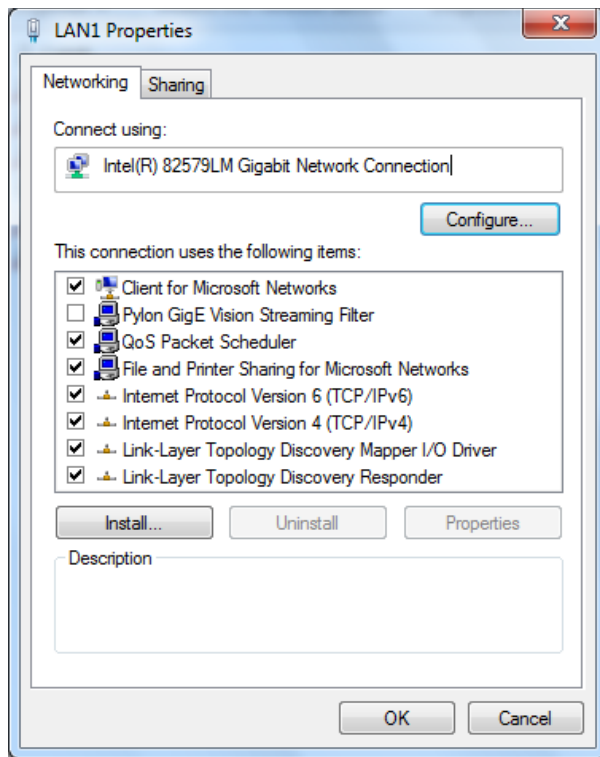
Ethernet/IP communication between a Programmable Logic Controller (PLC) and an MX or MX-U Series processor requires a specific Ethernet adapter configuration for proper operation. Improper configuration causes a random I/O fault in the PLC, resulting in the connection repeatedly resetting.

This guide explains how to configure the Ethernet adapter for proper operation. Updating Impact software to a newer release will have no effect on the Ethernet adapter configuration.

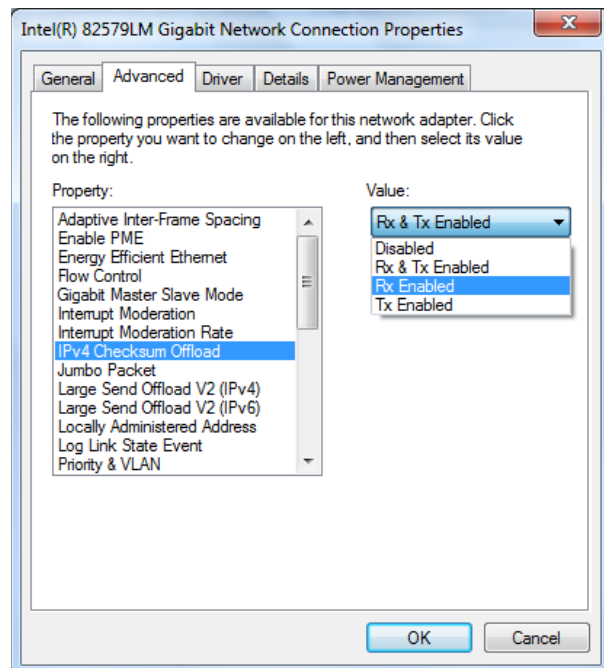
NOTE: If the MX or MX-U series processor was supplied from the factory with Impact Software release 11.7.0 or greater installed, this change has already been made.

STEP 1:

Open the “Network and Sharing Center” on the processor and click “Change adapter settings.”

**STEP 2:**

For an MX Series processor, open the Local Area Connection (LAN1) and click the Configure button. For an MX-U Series processor, open and configure both the LAN1 and LAN2 connections.

**STEP 3:**

Click the advanced tab and select “IPv4 Checksum Offload” from the Property list on the left. Then select “Rx Enabled” from the Value drop down.

STEP 4:

Click OK to close all the dialog boxes.