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## MODBUS Library for LabVIEW

### Overview

The MODBUS library is a free, downloadable set of Virtual Instruments (VIs) that provide Modbus communication from any standard Ethernet or serial port. The LabVIEW library implements the Modbus protocol in software and offers both master and slave functionality. Using the Modbus library, Programmable Automation Controllers (PACs) can communicate with gateway devices that provide connectivity to a wide variety of industrial networks, such as Profibus, Ethernet/IP, and DeviceNet.

### Downloads

**Filename:** [nimodbus121.zip](#)  
**Requirements:** [View](#)

Version 1.2 (ni\_modbus\_1\_2.zip) of the MODBUS LabVIEW Library is backward compatible with previous versions of the library. It adds a set of polymorphic VIs that make it easier to use MODBUS commands. These new VIs are also fully documented with a help file. Comments have also been added to the examples. Please follow the steps in the *readme* file for manual installation of the library. There is no installer available at this time.

If you are new to MODBUS, here is an [introduction to the protocol](#).

Please note that this is an example program and not an official NI Product. For a more complete, fully supported MODBUS solution, NI recommends the [LabVIEW Datalogging and Supervisory Control Module](#).

### Requirements

**Filename:** [nimodbus121.zip](#)

### Software Requirements

**Application Software:** LabVIEW Base Development System 7.1  
**Language(s):** LabVIEW

### Legal

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