IOLM v16 Update

6/21/2021
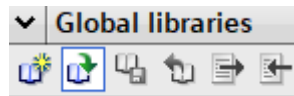
This document covers the installation and use of the IOLM function for Siemen's TIA Portal software package. This function handles the passing of Parameter data information from an IO-Link Master back to the Siemens PLC. These instructions show how to use the updated IOLM function block for TIA Portal V16.
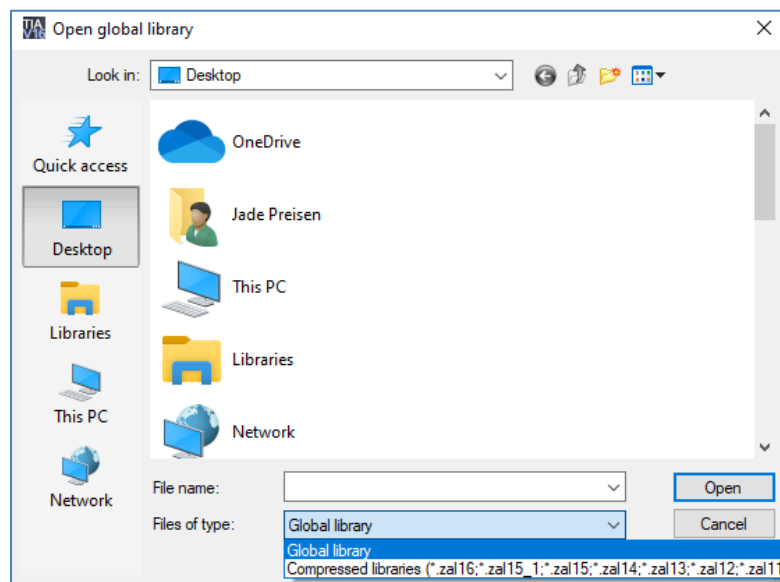
Components
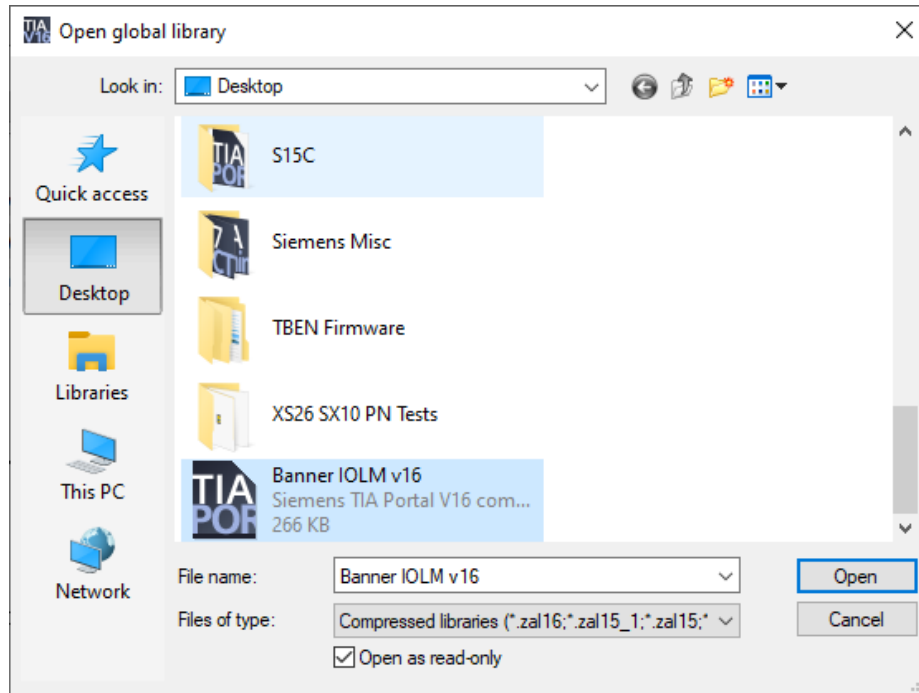
Banner IOLM v16.zal16

Installation Instructions

1. Open a project.
2. Go to Libraries tab. Use the "Open Global Library" icon.

3. Switch the "Files of type" from "Global library" to "Compress libraries". This allows an archived library to opened.

4. Navigate to the location that the archived library is at. Select the library and press the Open button.

5. Window will open requiring the user to "Select Target Directory" for the library to be stored in. The library Banner IOLM v16 will now be saved into that folder.

6. The Banner IOLM v16 Library will now be in the Global Library List. Expand the Master copies section. The folder contains these items: Banner_IOLM, Banner_IOLM_Control, and Banner_IOLM_EL.

7. Drag Banner_IOLM_Control to the Program Blocks area under your PLC.

8. Drag the other items listed above to the PLC Data Types area under your PLC.

9. Siemens function block LIOLINK_Device v6.0 is required for the above function block to work. This can be download on the Siemens website.

10. The LIOLINK Device v6.0 needs to in project. If not pull it into the project.

11. Installation of Banner IOLM v16 is complete.