CONTROLLER INFORMATION SHEET

Maple Model(s)
Basic HMIs
Advanced HMIs
cMT HMIs

P/N: 1036-0294
Rev. 00 Date: 02/27/2025

PLC or Controller
Schneider M340/M580 Series
(Symbolic Addressing) (Ethernet)

Summary

Maple Systems HMIs communicates with the Schneider M340/M580 Series using the Ethernet protocol where the HMI is the master in a point-to-point single master, single slave format.

Supported Series: Schneider M340/M580 series

Cable Communications

The HMI should be connected to the device's Ethernet port. Some controllers require straight through 10baseT Ethernet cables and other require crossover 10baseT Ethernet cables.

Controller Settings

The device's IP address must match the specified in the device driver "IP Address Settings."

HMI Settings:

Parameters	Recommended	Options	Notes
PLC type	Schneider M340/M580 Series (Symbolic Addressing) (Ethernet)		
PLC I/F	Ethernet		
Port no.	502		

Support Device Type:

Data Type	EBPro data format	Memo
BOOL	bit	
EBOOL	bit	
BYTE	16-bit BCD, Hex, Binary, Unsigned	8-bit
DATE	32-bit BCD, Hex, Binary, Unsigned	32-bit
DINT	32-bit BCD, Hex, Binary, Signed	32-bit
DWORD	32-bit BCD, Hex, Binary, Unsigned	32-bit
INT	16-bit BCD, Hex, Binary, Signed	16-bit
REAL	32-bit Float	32-bit
STRING	ASCII input and ASCII display	
TIME	32-bit BCD, Hex, Binary, Unsigned	32-bit
TOD	32-bit BCD, Hex, Binary, Unsigned	32-bit
UDINT	32-bit BCD, Hex, Binary, Unsigned	32-bit
UINT	16-bit BCD, Hex, Binary, Unsigned	16-bit
WORD	16-bit BCD, Hex, Binary, Unsigned	16-bit

Support Tables:

Variables table

Derived data types table

Structure

Array (Supported one dimension)

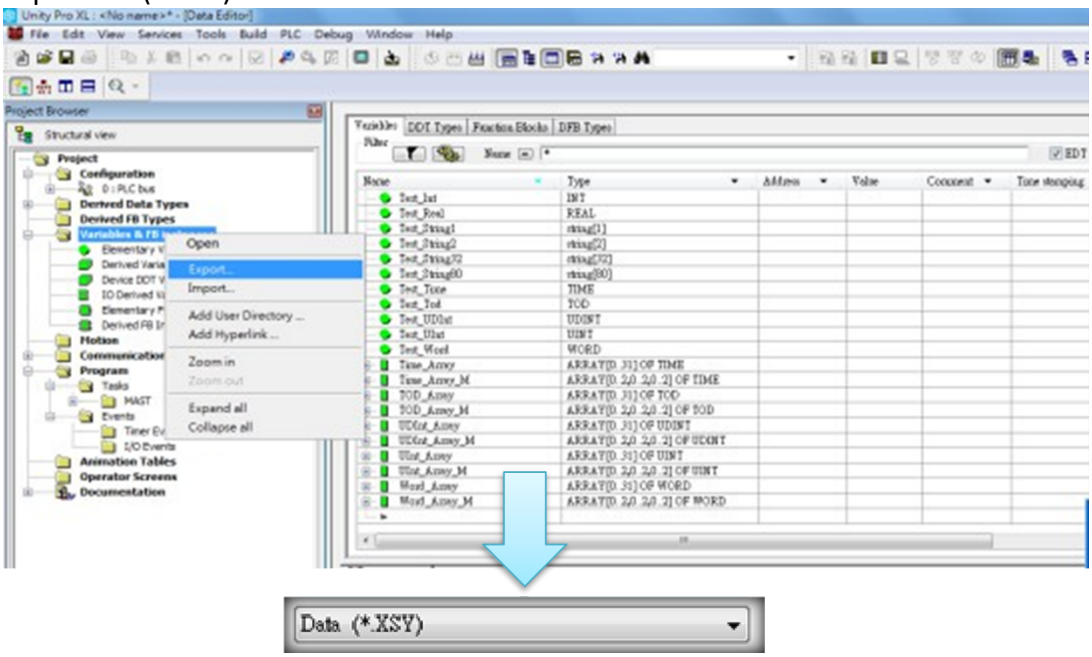
Array data structure

Within the PLC Project see ("Project Settings"), the checkbox "Data Dictionary" is enabled.

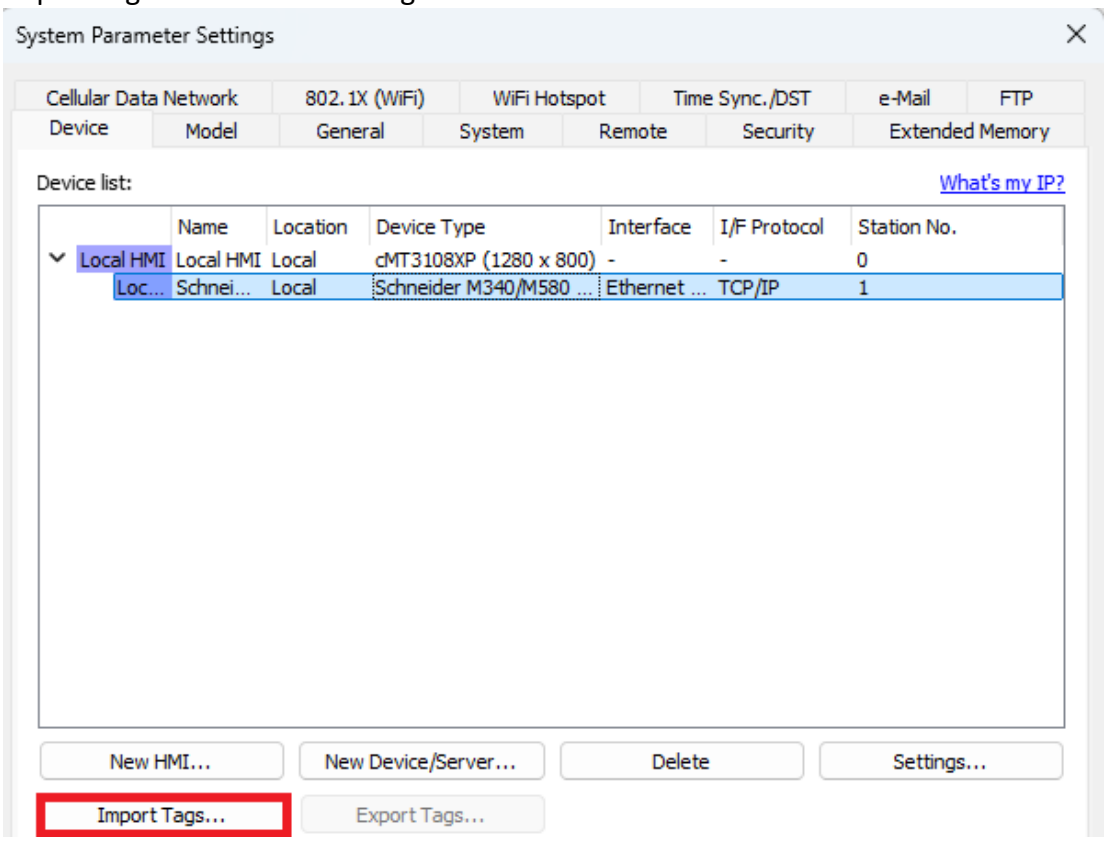
The checkbox "Only HMI Variables" is NOT selected.

How to Import Tags:

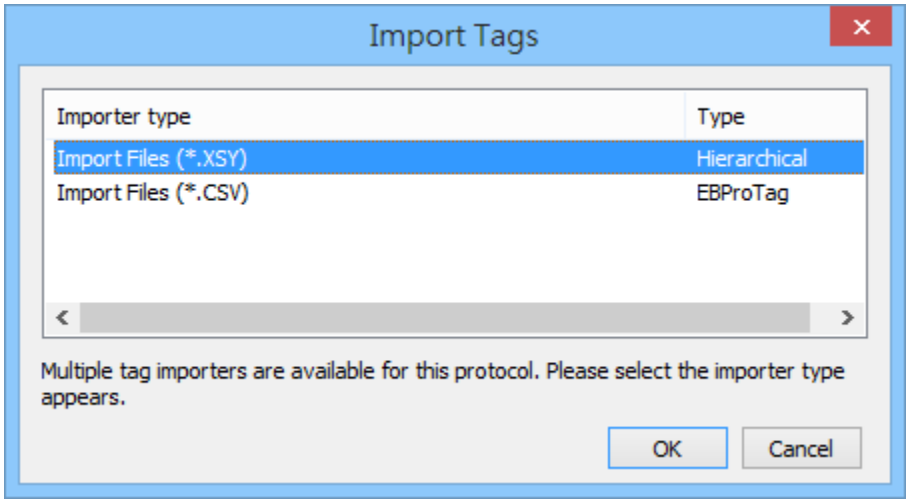
1. Export file (*.XSY) from PLC Software.



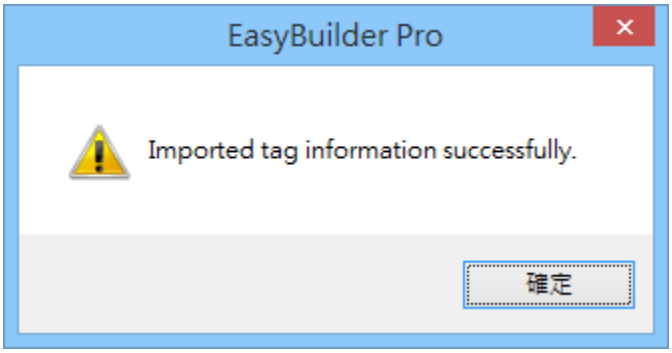
2. Import tags in the driver settings of EBPro.



3. Select the file format to import.



4. Import results dialog.



Wiring Diagram:

Ethernet cable:

