

Schneider M340/M580 Series (Symbolic Addressing) (Ethernet)

Supported Series: Schneider M340/M580 series (Support firmware v2.70 or later)

Website: <http://www.schleicher-electronic.com>

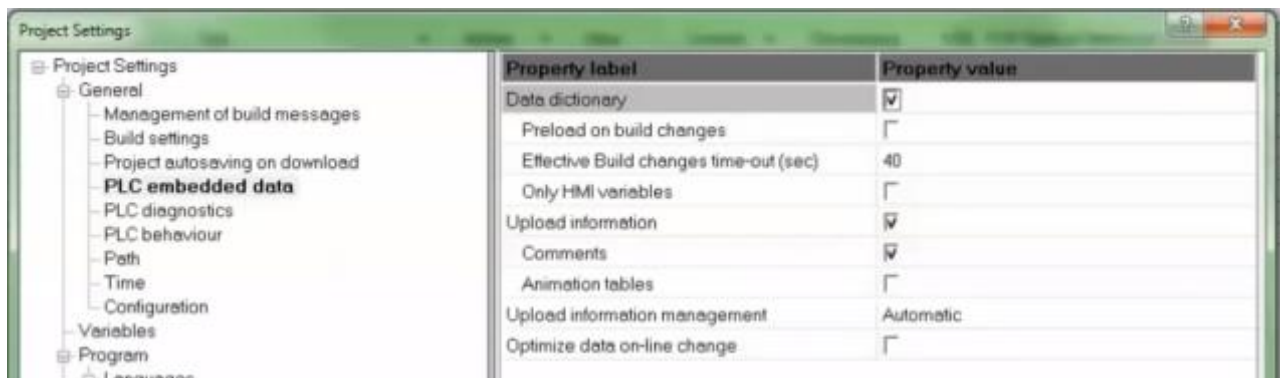
HMI Settings:

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

PLC Settings:

Data dictionary	Enable
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Tools -> Project Settings -> PLC embedded data -> Activate the Data Dictionary



Support Device Type:

Data Type	EasyBuilder data format	Memo
BOOL	bit	*Note1
EBOOL	bit	*Note1
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

***Note1:** Mapping ebool type to external IO may cause unknown communication errors. It is recommended to use bool type for mapping.

Support Tables:

Variables table

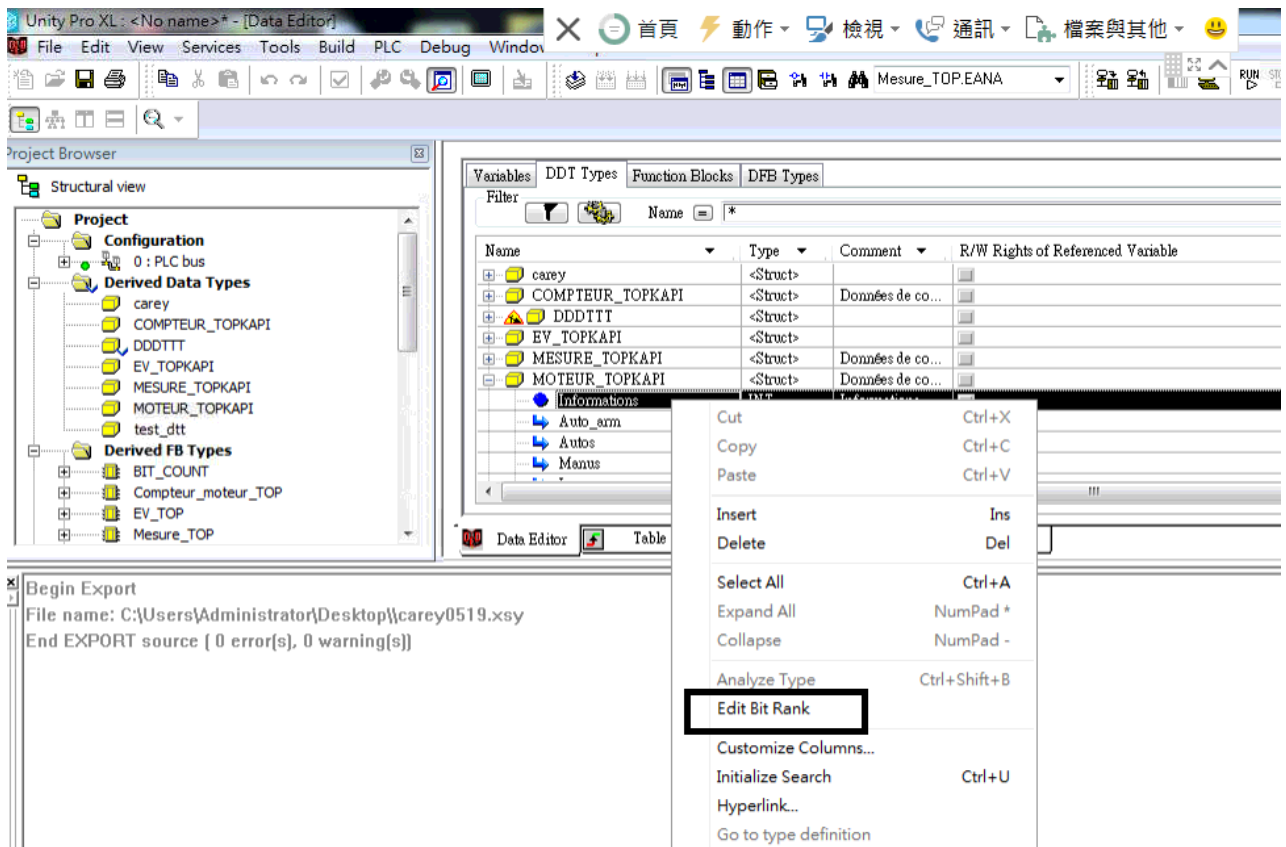
Derived data types table

Structure

Array (Supported one dimension)

Array data structure

*[Edit Bit Rank] The generated address is not supported.



The screenshot shows the Unity Pro XL Data Editor interface. On the left is the Project Browser showing a tree view of the project structure, including Configuration, Derived Data Types, and Derived FB Types. The main window displays a table of derived data types with columns for Name, Type, Comment, and R/W Rights of Referenced Variable. A context menu is open over the table, and the 'Edit Bit Rank' option is highlighted with a black box.

Name	Type	Comment	R/W Rights of Referenced Variable
carey	<Struct>		
COMPTEUR_TOPKAPI	<Struct>	Données de co...	
DDDTT	<Struct>		
EV_TOPKAPI	<Struct>		
MESURE_TOPKAPI	<Struct>	Données de co...	
MOTEUR_TOPKAPI	<Struct>	Données de co...	
Informations			
Auto_arm			
Autos			
Manus			

Context Menu Options:

- Cut (Ctrl+X)
- Copy (Ctrl+C)
- Paste (Ctrl+V)
- Insert (Ins)
- Delete (Del)
- Select All (Ctrl+A)
- Expand All (NumPad *)
- Collapse (NumPad -)
- Analyze Type (Ctrl+Shift+B)
- Edit Bit Rank**
- Customize Columns...
- Initialize Search (Ctrl+U)
- Hyperlink...
- Go to type definition

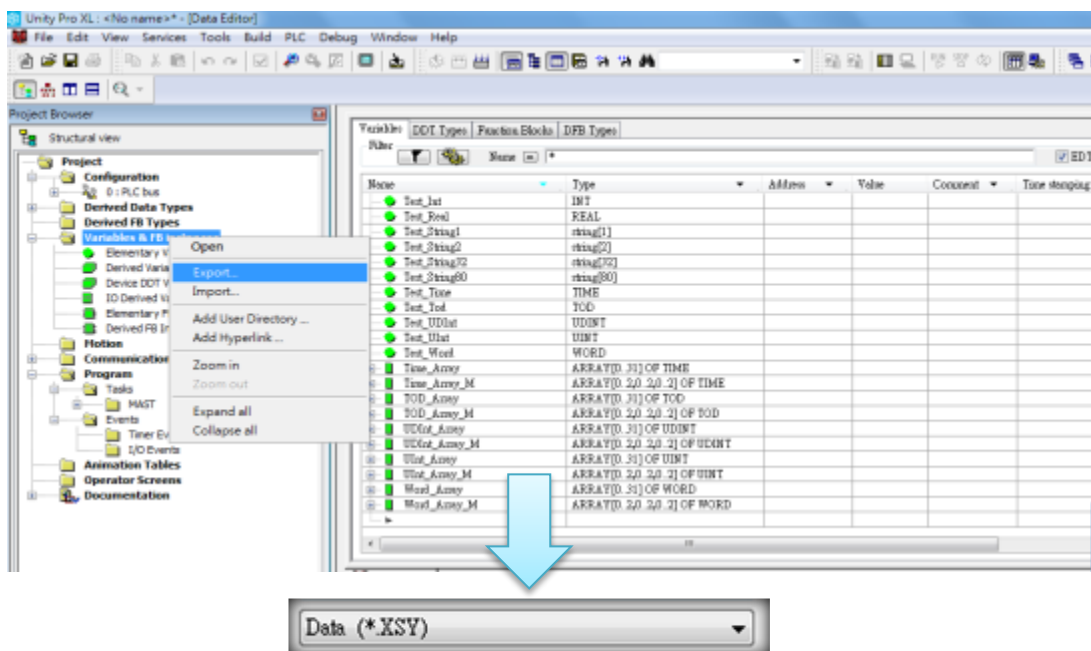
Bottom Panel Output:

```

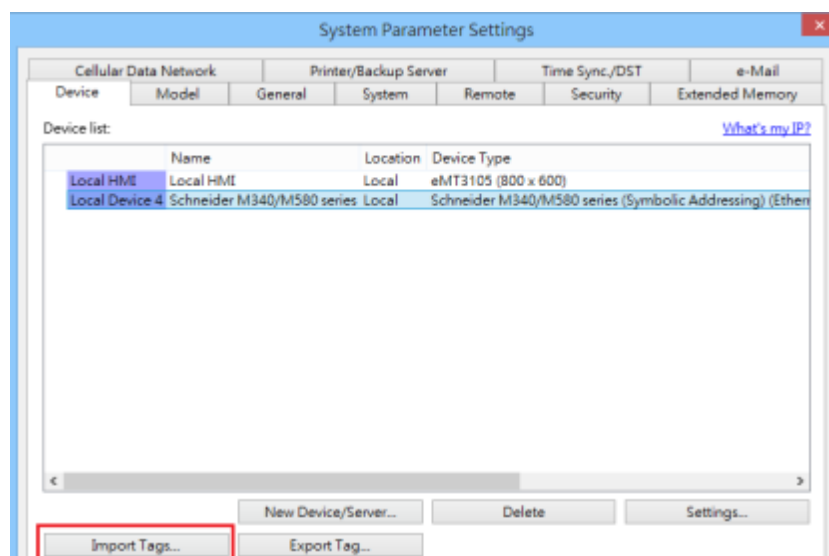
Begin Export
File name: C:\Users\Administrator\Desktop\carey0519.xsy
End EXPORT source ( 0 error(s), 0 warning(s))
    
```

How to Import Tags:

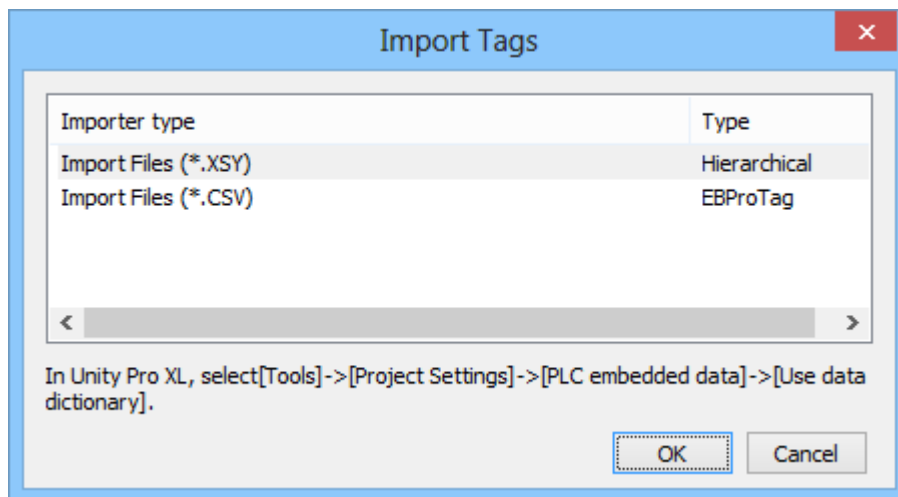
1. Export file (*.XSY) from PLC Software.



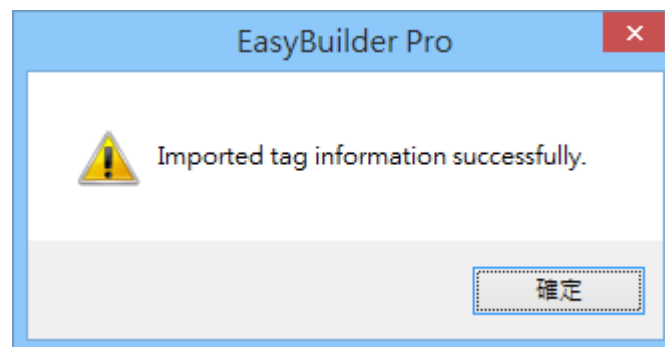
2. Import tags in the driver settings of EasyBuilder Pro.



3. Select the file format to import.



4. Import results dialog.



Wiring Diagram:

Ethernet cable:

