SPA >> OPC Variable Creator

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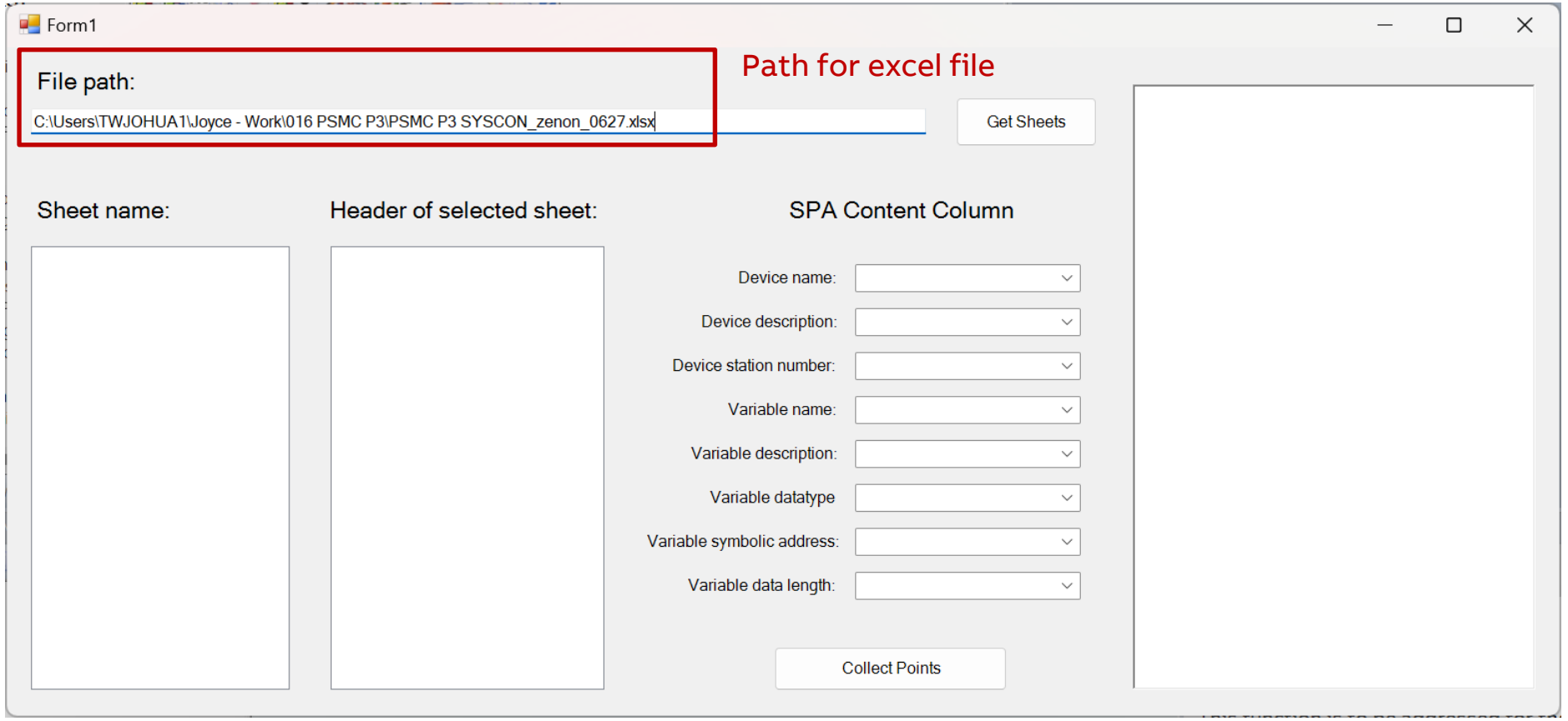
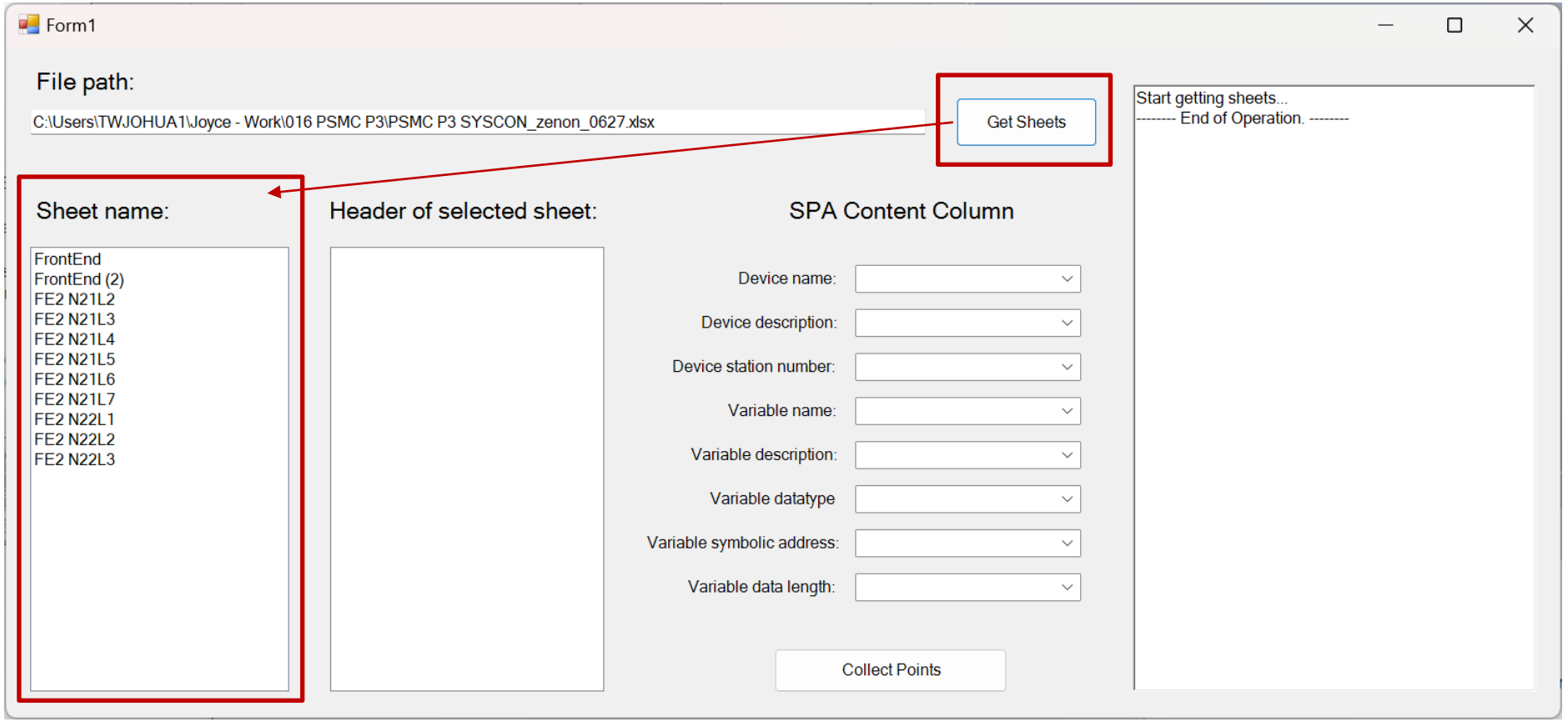
Document ID.: Rev.:

Start Editor Wizard for OPC Variable Creator



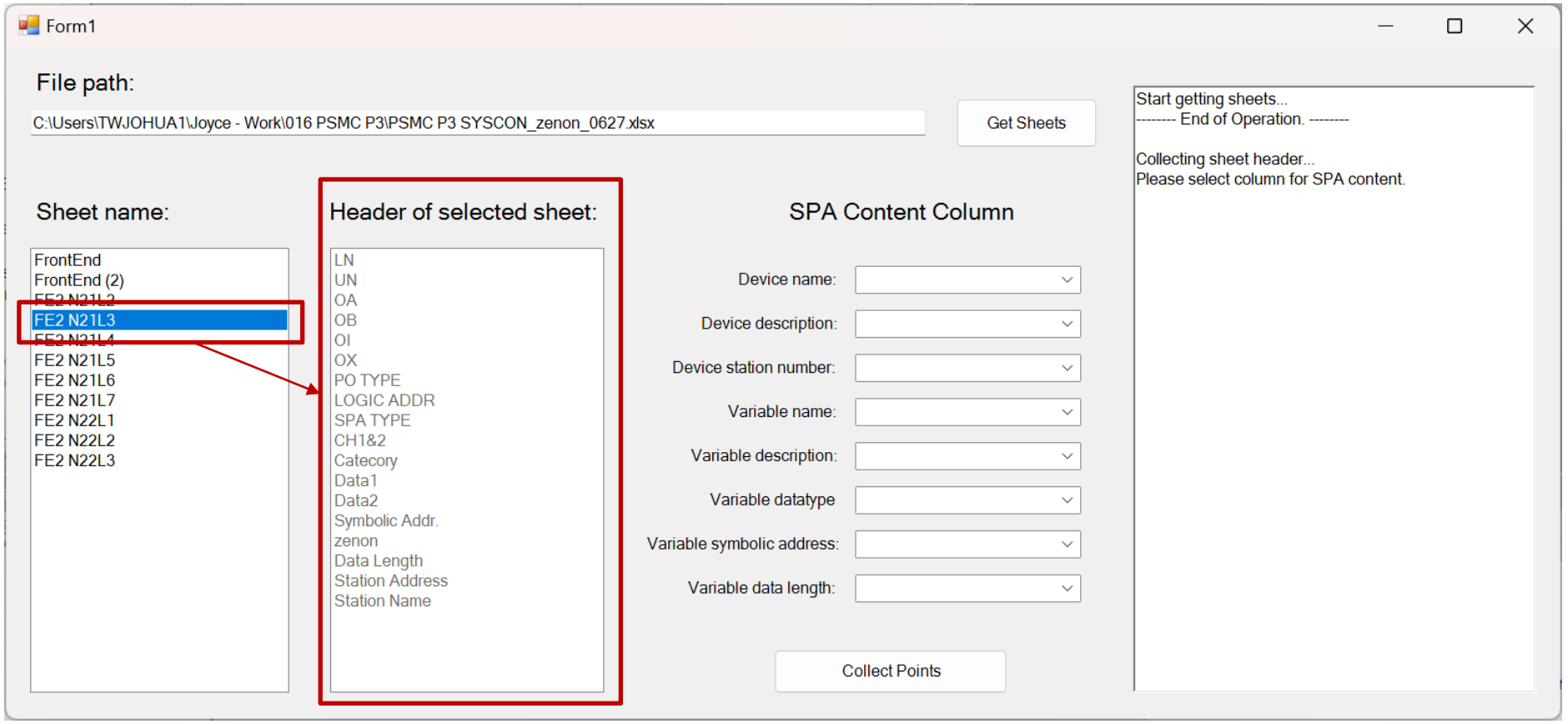
Collect sheet names from excel

Show all name of sheets in this excel file



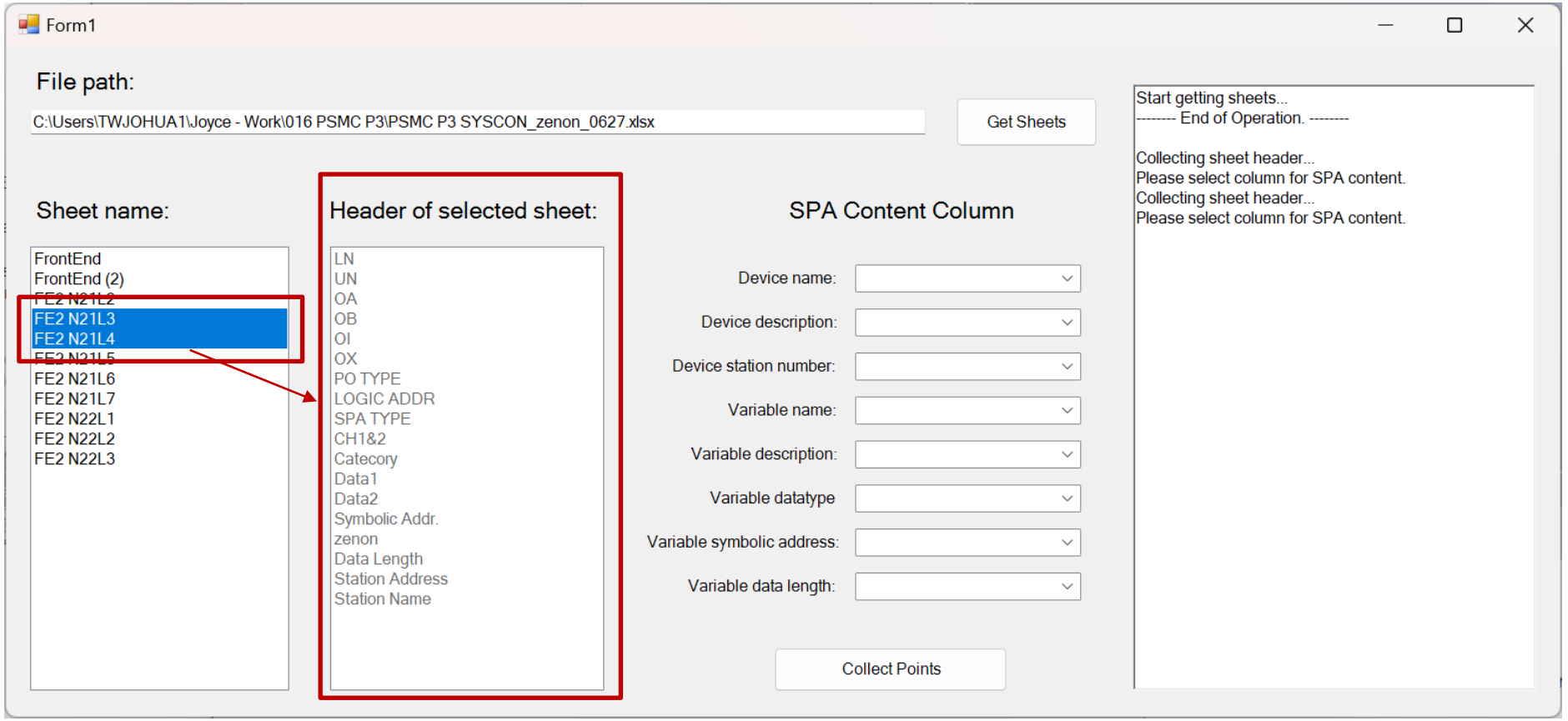
Shows header of sheet

After selecting sheet, the header of the sheet shows in the second list box



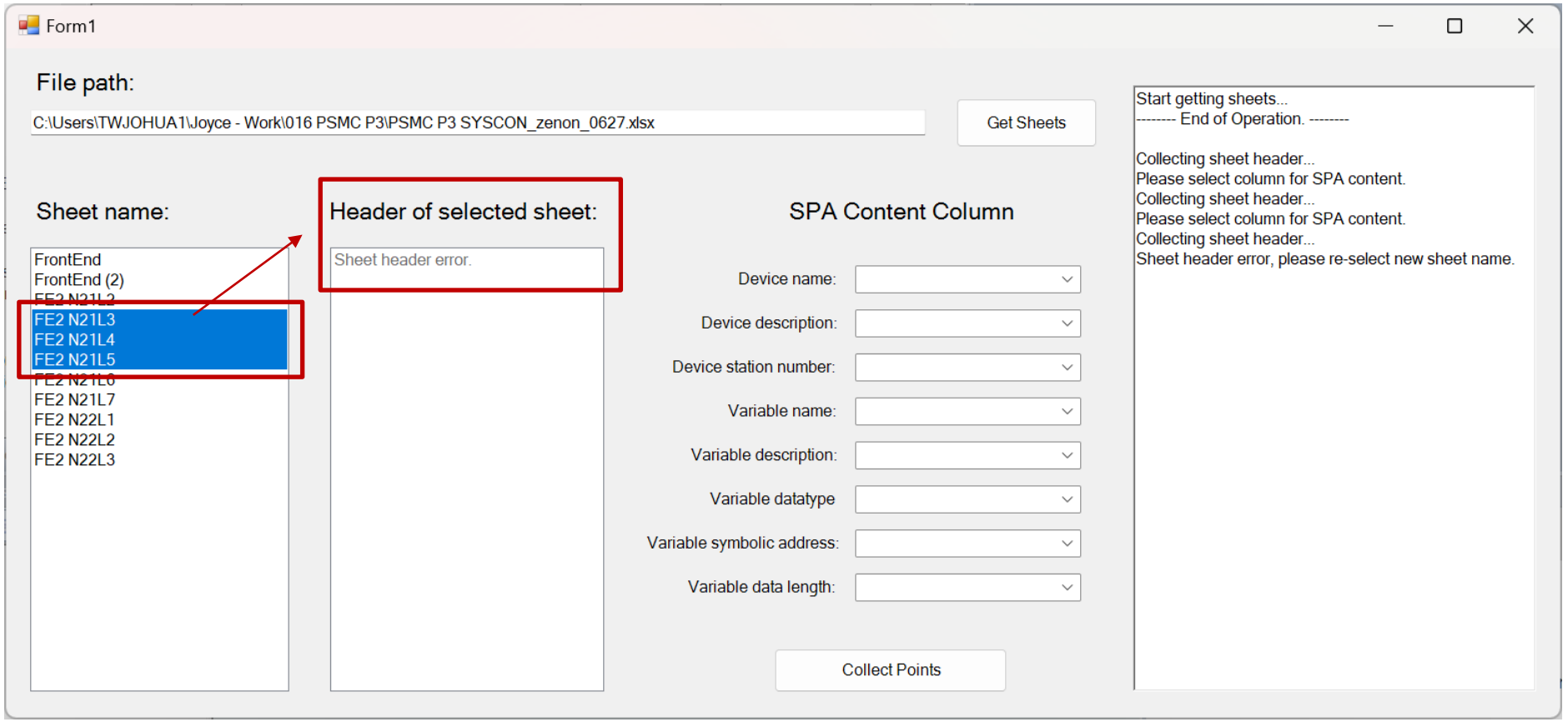
Shows header of sheets

More than one sheet can be selected, if the sheets have the same headers, the variables in these sheets can be created at the same time



Shows header of sheets

More than one sheet can be selected, if the headers are not the same, error message shows in the second list box



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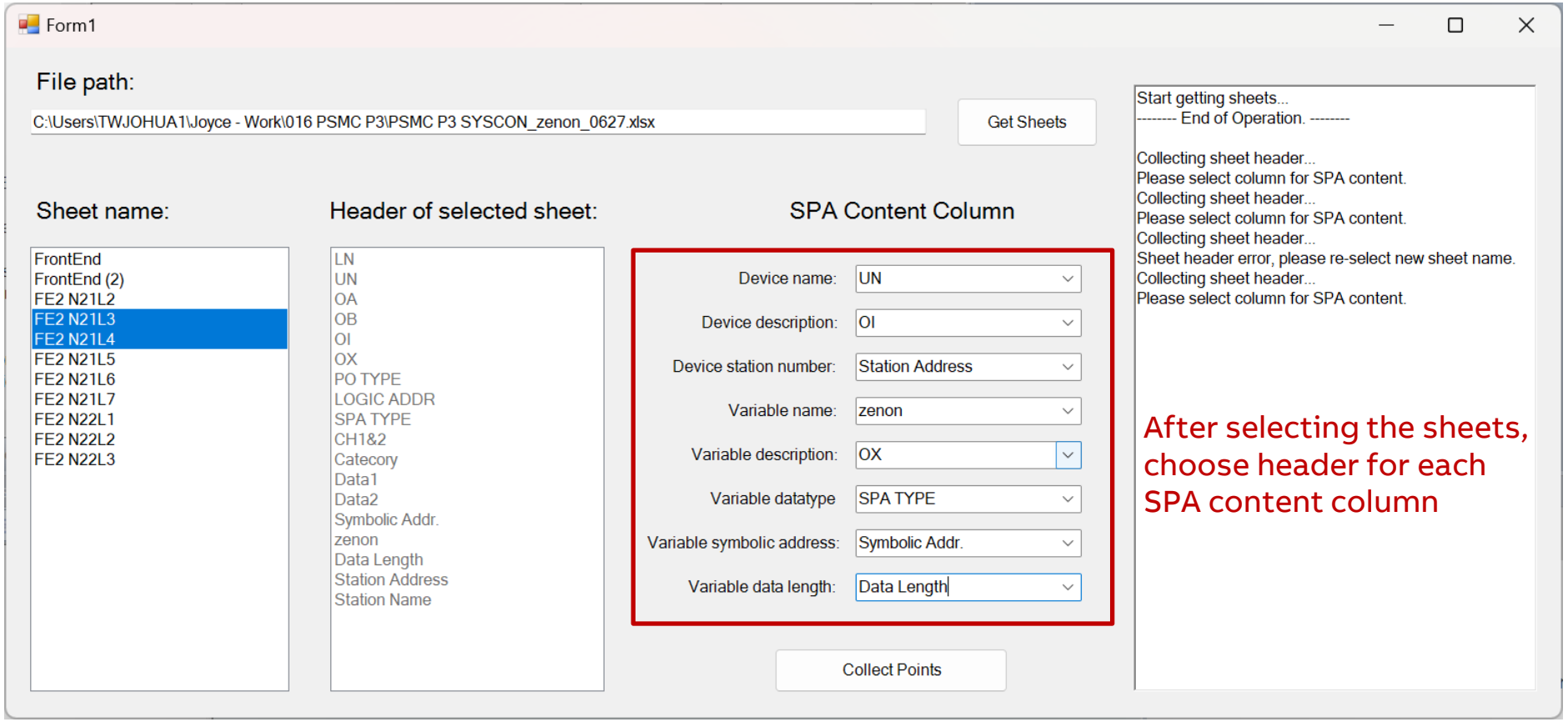
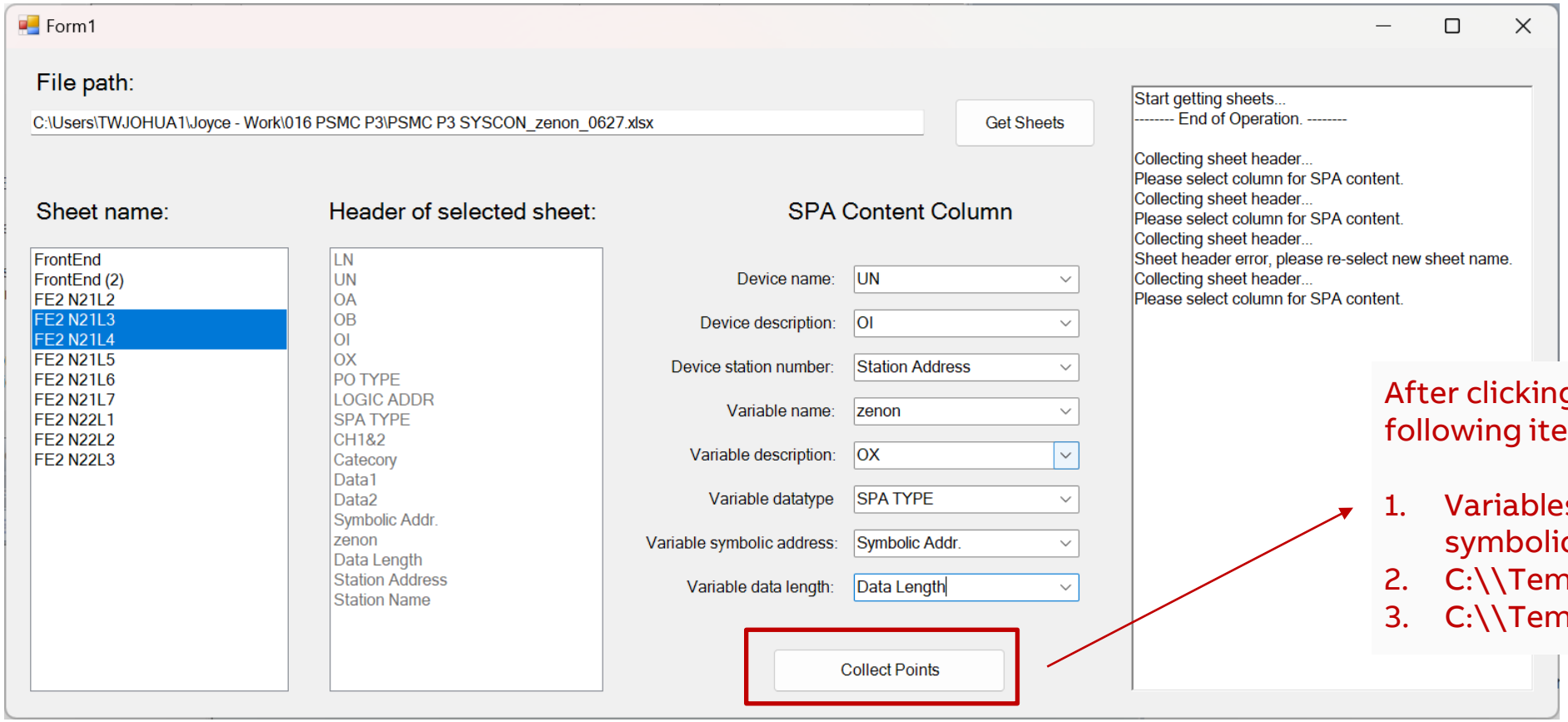
Selection for SPA content column



Start collect points

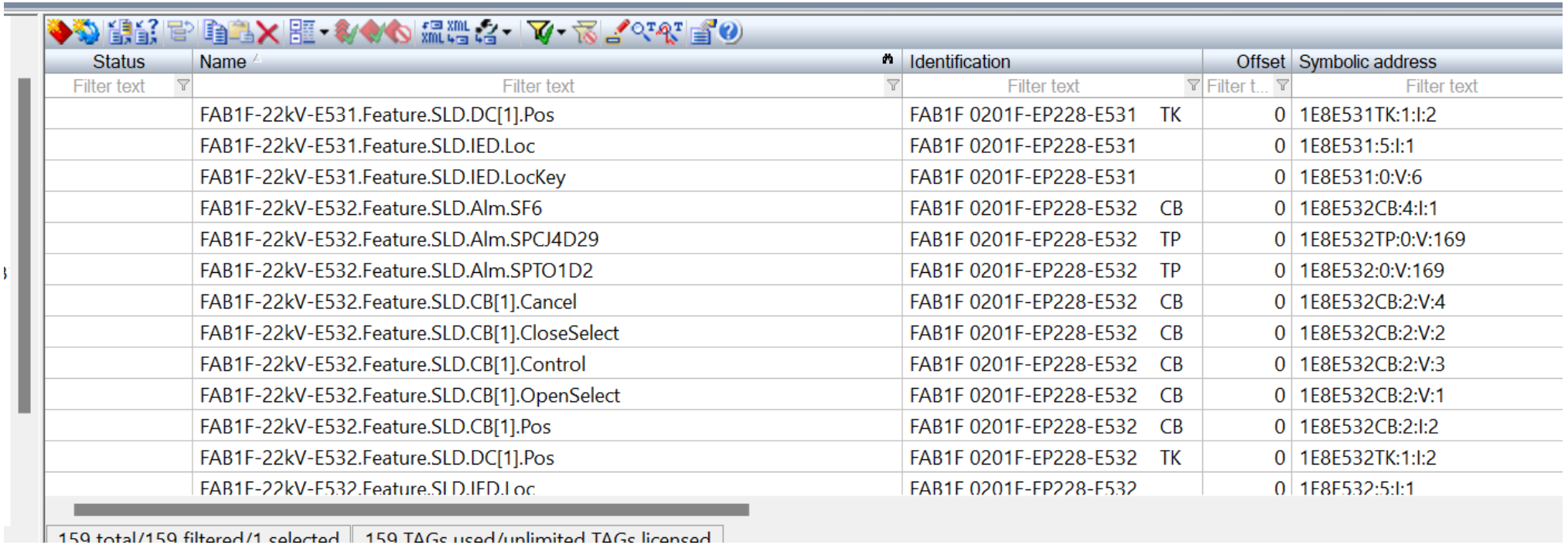


After clicking “Collect Points”, the following items will be created:

1. Variables in Zenon editor with symbolic address
2. C:\\Temp\\StationContent.txt
3. C:\\Temp\\PointContent.txt

Variables created in editor

Note: The driver for ProScada SPACOMM must be created in advanced.



Status	Name	Identification		Offset	Symbolic address
Filter text	Filter text	Filter text		Filter t...	Filter text
	FAB1F-22kV-E531.Feature.SLD.DC[1].Pos	FAB1F 0201F-EP228-E531	TK	0	1E8E531TK:1:I:2
	FAB1F-22kV-E531.Feature.SLD.IED.Loc	FAB1F 0201F-EP228-E531		0	1E8E531:5:I:1
	FAB1F-22kV-E531.Feature.SLD.IED.LocKey	FAB1F 0201F-EP228-E531		0	1E8E531:0:V:6
	FAB1F-22kV-E532.Feature.SLD.Alm.SF6	FAB1F 0201F-EP228-E532	CB	0	1E8E532CB:4:I:1
	FAB1F-22kV-E532.Feature.SLD.Alm.SPCJ4D29	FAB1F 0201F-EP228-E532	TP	0	1E8E532TP:0:V:169
	FAB1F-22kV-E532.Feature.SLD.Alm.SPTO1D2	FAB1F 0201F-EP228-E532	TP	0	1E8E532:0:V:169
	FAB1F-22kV-E532.Feature.SLD.CB[1].Cancel	FAB1F 0201F-EP228-E532	CB	0	1E8E532CB:2:V:4
	FAB1F-22kV-E532.Feature.SLD.CB[1].CloseSelect	FAB1F 0201F-EP228-E532	CB	0	1E8E532CB:2:V:2
	FAB1F-22kV-E532.Feature.SLD.CB[1].Control	FAB1F 0201F-EP228-E532	CB	0	1E8E532CB:2:V:3
	FAB1F-22kV-E532.Feature.SLD.CB[1].OpenSelect	FAB1F 0201F-EP228-E532	CB	0	1E8E532CB:2:V:1
	FAB1F-22kV-E532.Feature.SLD.CB[1].Pos	FAB1F 0201F-EP228-E532	CB	0	1E8E532CB:2:I:2
	FAB1F-22kV-E532.Feature.SLD.DC[1].Pos	FAB1F 0201F-EP228-E532	TK	0	1E8E532TK:1:I:2
	FAB1F-22kV-E532.Feature.SLD.IED.Loc	FAB1F 0201F-EP228-E532		0	1E8E532:5:I:1

159 total/159 filtered/1 selected | 159 TAGs used/unlimited TAGs licensed

SPA content for ProScada SPACOMM

StationContent.txt

File Edit View

```
1E8E531,1,FAB1F 0201F-EP228-E531,BASIC,17,65535,,,,,,,,,,,,,
1E8E531CB,1,FAB1F 0201F-EP228-E531    CB,BASIC,17,65535,,,,,,,,,,,,,
1E8E531TK,1,FAB1F 0201F-EP228-E531    TK,BASIC,17,65535,,,,,,,,,,,,,
1E8E531TP,1,FAB1F 0201F-EP228-E531    TP,BASIC,18,65535,,,,,,,,,,,,,
1E8E532,1,FAB1F 0201F-EP228-E532,BASIC,19,65535,,,,,,,,,,,,,
1E8E532CB,1,FAB1F 0201F-EP228-E532    CB,BASIC,19,65535,,,,,,,,,,,,,
1E8E532TK,1,FAB1F 0201F-EP228-E532    TK,BASIC,19,65535,,,,,,,,,,,,,
1E8E532TP,1,FAB1F 0201F-EP228-E532    TP,BASIC,20,65535,,,,,,,,,,,,,
1E8E533,1,FAB1F 0201F-EP228-E533,BASIC,21,65535,,,,,,,,,,,,,
1E8E533CB,1,FAB1F 0201F-EP228-E533    CB,BASIC,21,65535,,,,,,,,,,,,,
1E8E533TK,1,FAB1F 0201F-EP228-E533    TK,BASIC,21,65535,,,,,,,,,,,,,
1E8E533TP,1,FAB1F 0201F-EP228-E533    TP,BASIC,22,65535,,,,,,,,,,,,,
1E8E633,1,FAB1F 0201F-EP228-E633,BASIC,23,65535,,,,,,,,,,,,,
1E8E633CB,1,FAB1F 0201F-EP228-E633    CB,BASIC,23,65535,,,,,,,,,,,,,
1E8E633TK,1,FAB1F 0201F-EP228-E633    TK,BASIC,23,65535,,,,,,,,,,,,,
1E8E633TP,1,FAB1F 0201F-EP228-E633    TP,BASIC,24,65535,,,,,,,,,,,,,
1E8E632,1,FAB1F 0201F-EP228-E632,BASIC,25,65535,,,,,,,,,,,,,
1E8E632CB,1,FAB1F 0201F-EP228-E632    CB,BASIC,25,65535,,,,,,,,,,,,,
1E8E632TK,1,FAB1F 0201F-EP228-E632    TK,BASIC,25,65535,,,,,,,,,,,,,
1E8E632TP,1,FAB1F 0201F-EP228-E632    TP,BASIC,26,65535,,,,,,,,,,,,,
1E8E631,1,FAB1F 0201F-EP228-E631,BASIC,27,65535,,,,,,,,,,,,,
1E8E631CB,1,FAB1F 0201F-EP228-E631    CB,BASIC,27,65535,,,,,,,,,,,,,
1E8E631TK,1,FAB1F 0201F-EP228-E631    TK,BASIC,27,65535,,,,,,,,,,,,,
1E8E631TP,1,FAB1F 0201F-EP228-E631    TP,BASIC,28,65535,,,,,,,,,,,,,
```

StationContent.txt PointContent.txt

File Edit View

```
1,1E8E531,Unsigned,3,300,Disabled,0,0:V:6,1,,,,,,,,,,
2,1E8E531,Unsigned,3,300,Disabled,0,5:I:1,1,,,,,,,,,,
3,1E8E531CB,Unsigned,3,300,Disabled,0,2:I:2,2,,,,,,,,,,
4,1E8E531CB,Unsigned,3,300,Disabled,0,2:V:1,1,,,,,,,,,,
5,1E8E531CB,Unsigned,3,300,Disabled,0,2:V:2,1,,,,,,,,,,
6,1E8E531CB,Unsigned,3,300,Disabled,0,2:V:3,1,,,,,,,,,,
7,1E8E531CB,Unsigned,3,300,Disabled,0,2:V:4,1,,,,,,,,,,
8,1E8E531CB,Unsigned,3,300,Disabled,0,4:I:1,1,,,,,,,,,,
9,1E8E531TK,Unsigned,3,300,Disabled,0,1:I:2,2,,,,,,,,,,
10,1E8E531,Unsigned,3,300,Disabled,0,0:V:169,1,,,,,,,,,,
11,1E8E531TP,Unsigned,3,300,Disabled,0,0:V:169,1,,,,,,,,,,
12,1E8E532,Unsigned,3,300,Disabled,0,0:V:6,1,,,,,,,,,,
13,1E8E532,Unsigned,3,300,Disabled,0,5:I:1,1,,,,,,,,,,
14,1E8E532CB,Unsigned,3,300,Disabled,0,2:I:2,2,,,,,,,,,,
15,1E8E532CB,Unsigned,3,300,Disabled,0,2:V:1,1,,,,,,,,,,
16,1E8E532CB,Unsigned,3,300,Disabled,0,2:V:2,1,,,,,,,,,,
17,1E8E532CB,Unsigned,3,300,Disabled,0,2:V:3,1,,,,,,,,,,
18,1E8E532CB,Unsigned,3,300,Disabled,0,2:V:4,1,,,,,,,,,,
19,1E8E532CB,Unsigned,3,300,Disabled,0,4:I:1,1,,,,,,,,,,
20,1E8E532TK,Unsigned,3,300,Disabled,0,1:I:2,2,,,,,,,,,,
21,1E8E532,Unsigned,3,300,Disabled,0,0:V:169,1,,,,,,,,,,
22,1E8E532TP,Unsigned,3,300,Disabled,0,0:V:169,1,,,,,,,,,,
23,1E8E533,Unsigned,3,300,Disabled,0,0:V:6,1,,,,,,,,,,
24,1E8E533,Unsigned,3,300,Disabled,0,5:I:1,1,,,,,,,,,,
25,1E8E533CB,Unsigned,3,300,Disabled,0,2:I:2,2,,,,,,,,,,
```

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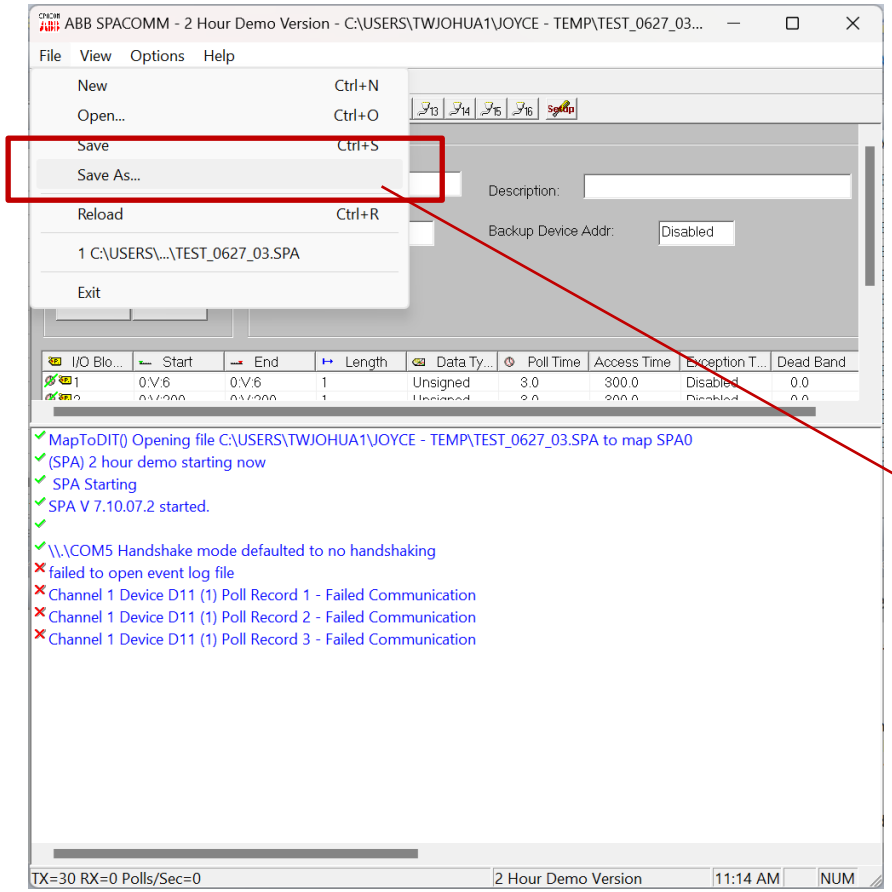
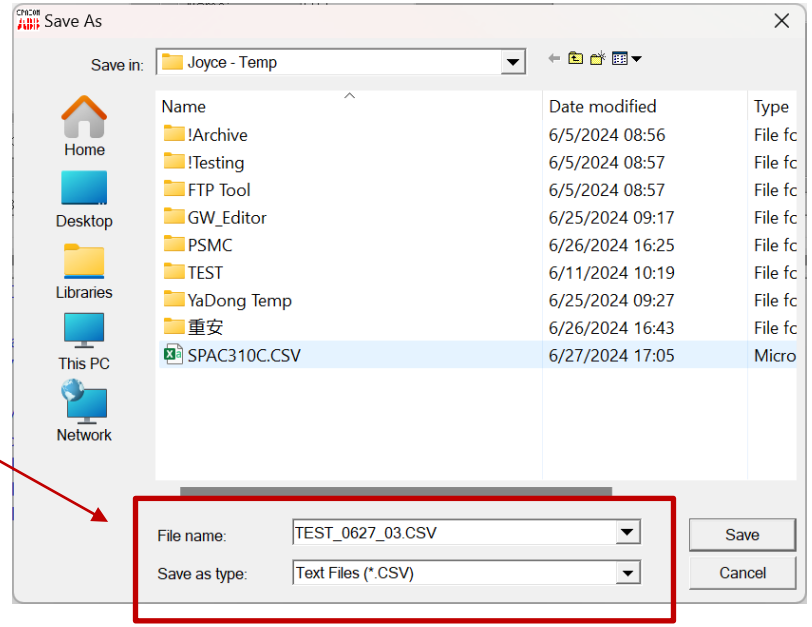
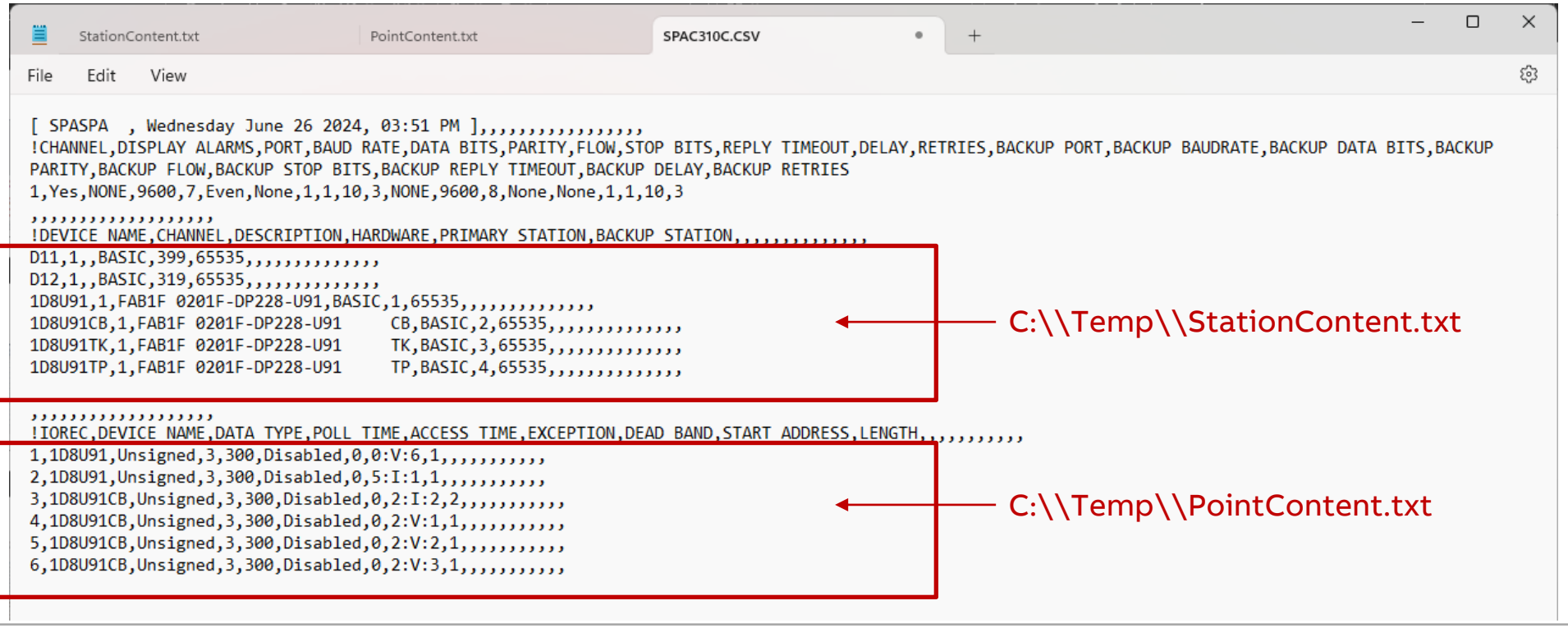
Create CSV file of ProScada SPACOMM





Input SPA content to CSV file

Open CSV file of ProScada SPACOMM, add station content and point content to the csv



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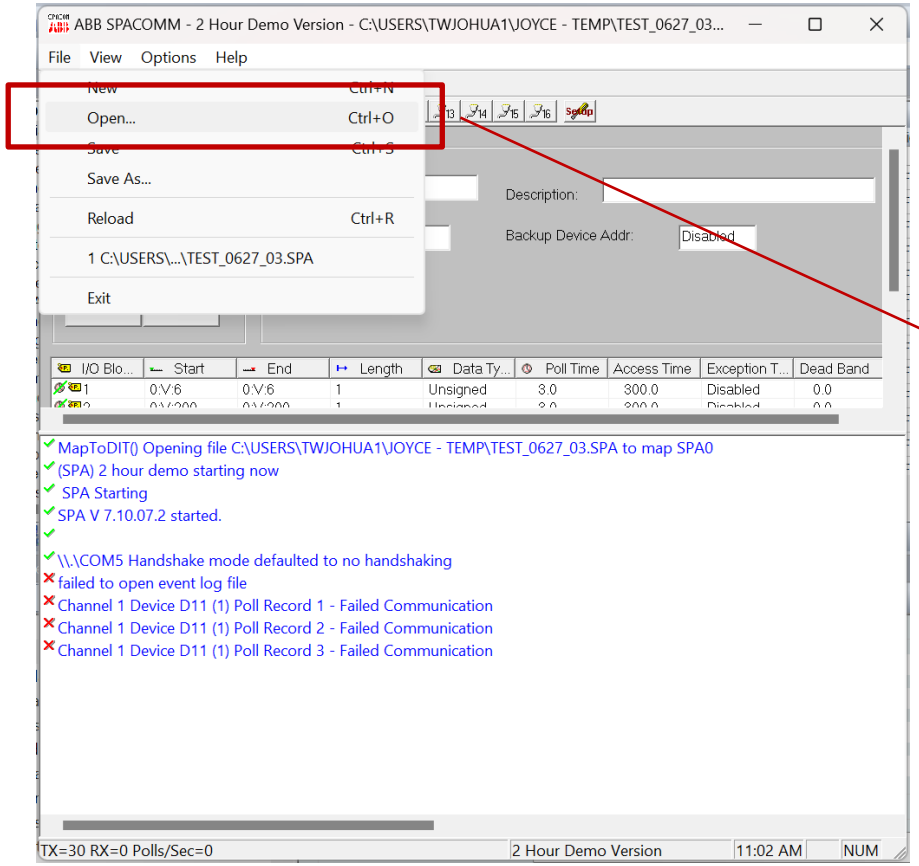
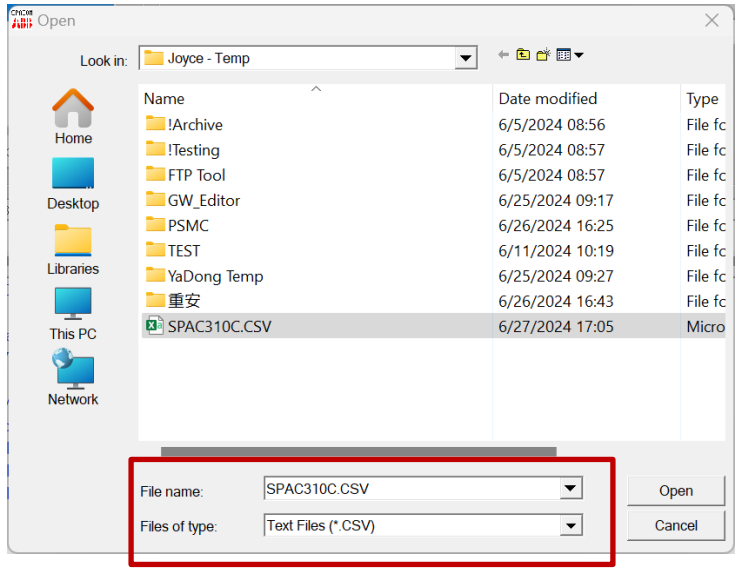
Load modified CSV file into ProScada





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