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# How to import a CSV file to create a NAPOPC\_ST project based on the Modbus TCP?

Applies to :

Platform	OS version	NAPOPC version
PC	Windows 7 32 bits Professional	NAPOPC_ST v3.54

NAPOPC\_ST DA Server provides a new function to import a CSV file to quickly create a NAPOPC\_ST project based on the Modbus TCP (applies to version v3.54 or after). This FAQ describes this function and its configuration.

#### The Steps:

#### 1. Edit a CSV File

User can edit a CSV file using a text editor (or software), such as Notepad or Wordpad, or a spreadsheet software, such as Microsoft Excel. Please follow the file format listed below to edit the contents, including separate the column data by a comma "," and save the file with the extension file name ".CSV".

### Format Example For The CSV File:

The file name must be **\*.csv**, the first row is for the column title name, the column data are separated by a comma, and every row is to set the Device information. For example:



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#### **Descriptions For The Column:**

IP,GroupName,TagName,Address,Function,DataType 127.0.0.1:502:1,,G11R11\_ACM\_CURPOW\_STS,1,1X,Boo1 127.0.0.1:502:1,a1,G11R11\_ACM\_BAKPOW\_STS,2,1X,Boo1 192.168.1.6:502:1,,G12R11\_B28V\_CURPOW\_STS,1,4X,Float 192.168.1.6:502:1,b1,G12R11\_B28V\_BAKPOW\_STS,3,4X,Float 192.168.1.6:502:1,,G12R11\_B120V\_CURPOW\_STS,5,4X,Float 192.168.1.6:502:1,b2,G12R11\_B120V\_BAKPOW\_STS,7,4X,Float 192.168.1.6:502:2,,G12R11\_B120V\_BAKPOW\_STS,9,4X,Float

Title	Descriptions							
IP	Device IP Ad	ddress, Port, Address; e.g., 127.0.0.1:502:1						
GroupName	Group name	e (If blank, means the Tag directly belongs to Device.)						
TagName	Tag name	Fag name						
Address	Modbus add	Vlodbus address						
	0X	Coil Status, Modbus instructions 01, 05 and 15						
Function	1X	Input Status, Modbus instruction 02						
T unction	3X	Input Register, Modbus instruction 04						
	4X	Holding Register, Modbus instructions 03, 06 and 16						
	bool	Tag data type: Boolean						
	short	Tag data type: 2 bytes Integer						
DataType	long	Tag data type <mark>: 4 byt</mark> es Integer						
DataType	float	Tag data type: 4 bytes Floating Point						
	word	Tag data type: 2 bytes unsigned Integer						
	dword	Tag data type: 4 bytes unsigned Integer						

## 2. Import The CSV File

In the NAPOPC\_ST Server, click the menu bar File > Import CSV File > Modbus TCP...

New Open	Ctrl+N Ctrl+O	Group	8 Tag	Multi	Gener_	Search	Expand	Shrink
Save As	Ctrl+S Ctrl+A	e	Тур	be	Channel/L	.oca	Value	Sc
Import CSV File	+	Modb	us TCP					
Print Setup								

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Select the project ba	e CSV file pre- sed on the Mo	edited (in the	e step 1) a	and click "o	pen" to impo	rt a NAPC	OPC_ST
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						<b>)</b>	
	w         Open         Save           127.0.0.1:502:1	Name \$ G12R11_B120V_CU \$ G12R11_B28V_CU	JRPOW_STS R	Type eg Output[Float] eg Output[Float]	Channel/Location V 400006 400002	alue Scaling	Description
Read	у	•	192.1	"" 68.1.6:502:1 has 2 T	ags	A	yg Scan Tim
		<ul> <li>Device Name   127.0.1</li> <li>Controller Setting -</li> <li>Modbus RTU</li> <li>Modbus ASCII</li> <li>Modbus TCP</li> <li>COM Port Setting COM   1</li> <li>Baud Rate   11520</li> </ul>	O ISaGRAF O General M IP Address Port	odbus Device 127.0.0.1 502 Parity Data Bit	Address 1 Timeout 500 Msg Delay 0 Word Swap None S		
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