How to use FRnet modules in NAPOPC_CE6？

Applies to:

Platform	*OS version*	*NAPOPC version*
XP-8000-CE6	*CE6*	*NAPOPC_CE6 v1.00*

If you want to exchange data between XP-8000-CE6 and FRnet modules, you have to plug **I-8172W** in your XP-8000-CE6, so as to communicate with FRnet modules.

Before operating, let's clarify Receiver Address and Sender Address:

On the manual of FRnet DI modules, it may just show "Sender Address" is between 8 to 15. However, In NAPOPC, we have to set "Receiver Address" the same as "Sender Address" of FRnet DI modules.

Actually, "sender" and "receiver" have opposite relationship. For example, when FRnet DI module gets a DI Signal, and "send" it to NAPOPC, in this situation, NAPOPC plays the role of "receiver". On the contrary, we "send" command from NAPOPC to the DO module, and the role of DO module is "receiver". Please follow this rule to set FRnet modules in NAPOPC.

FRnet modules are not supported by "Search" function, you can only add FRnet modules manually:

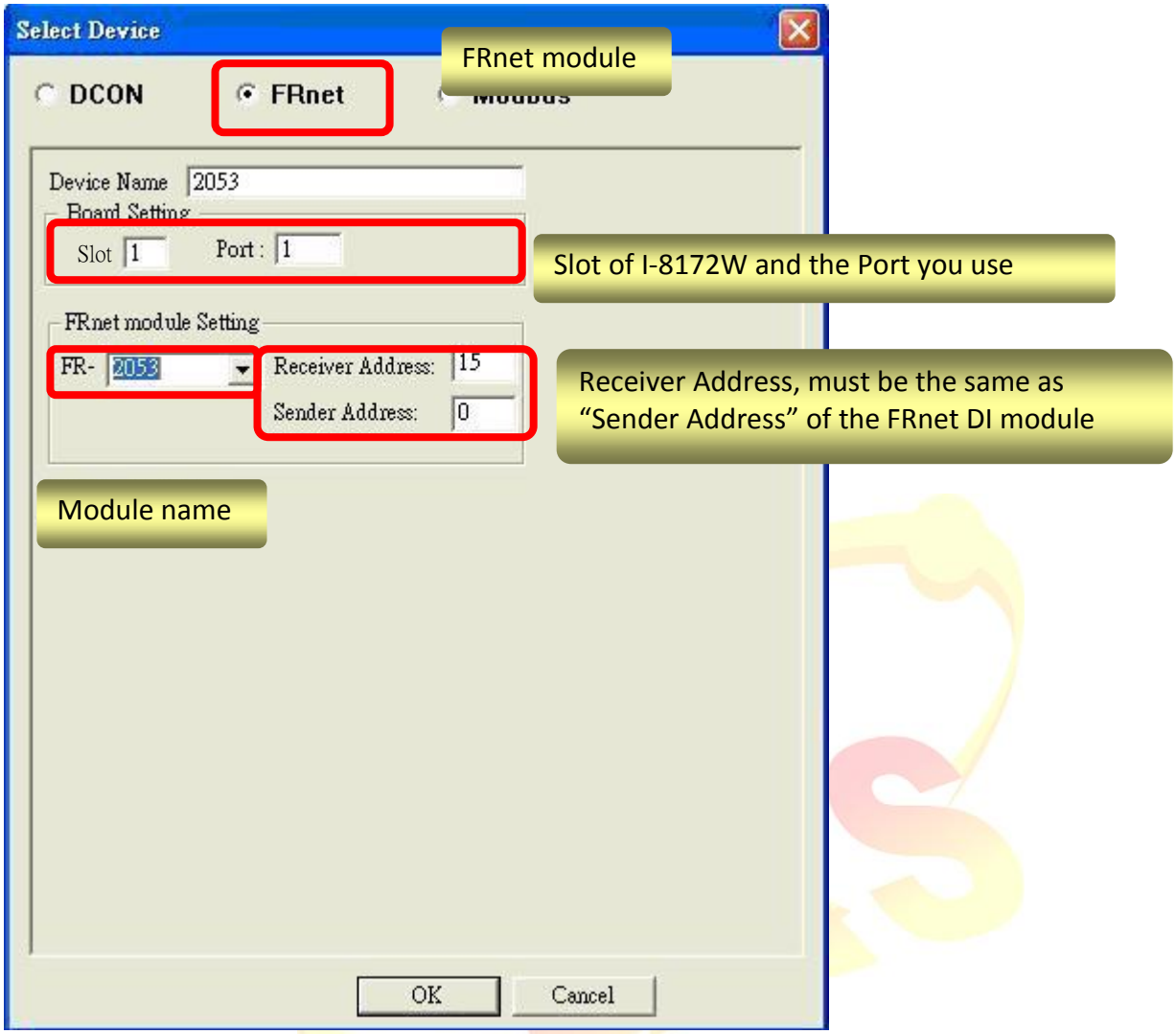
Step 1. Add FRnet DI module (Example: FR-2053)

Click "Device" on the Toolbar to add a new device.



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It will show you the dialog as below:

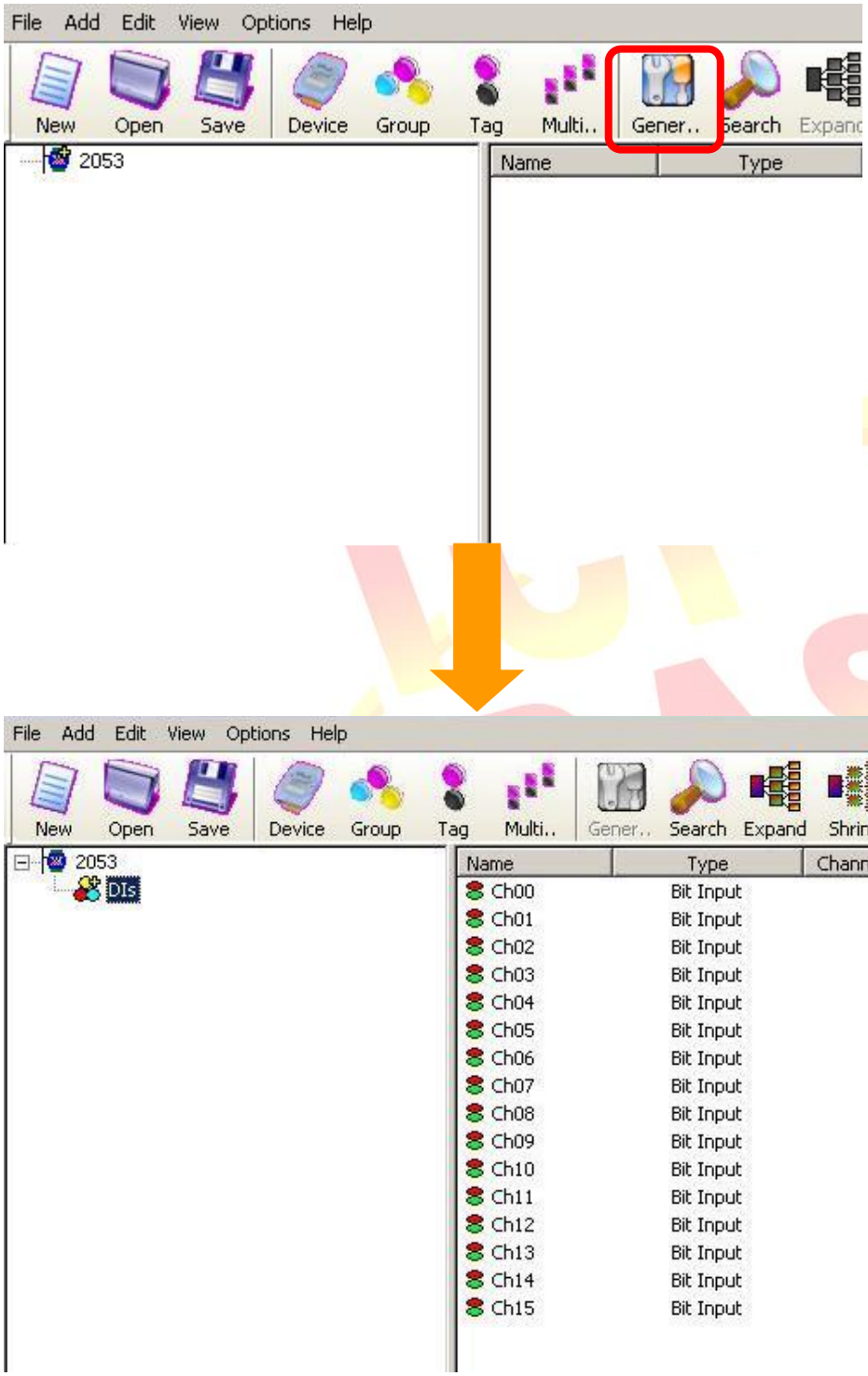


After setting up, just click "OK".

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Step 2

FR-2053 is added, then click ”Generate Tags”, and it will add all tags for you according to FR-2053 specification.

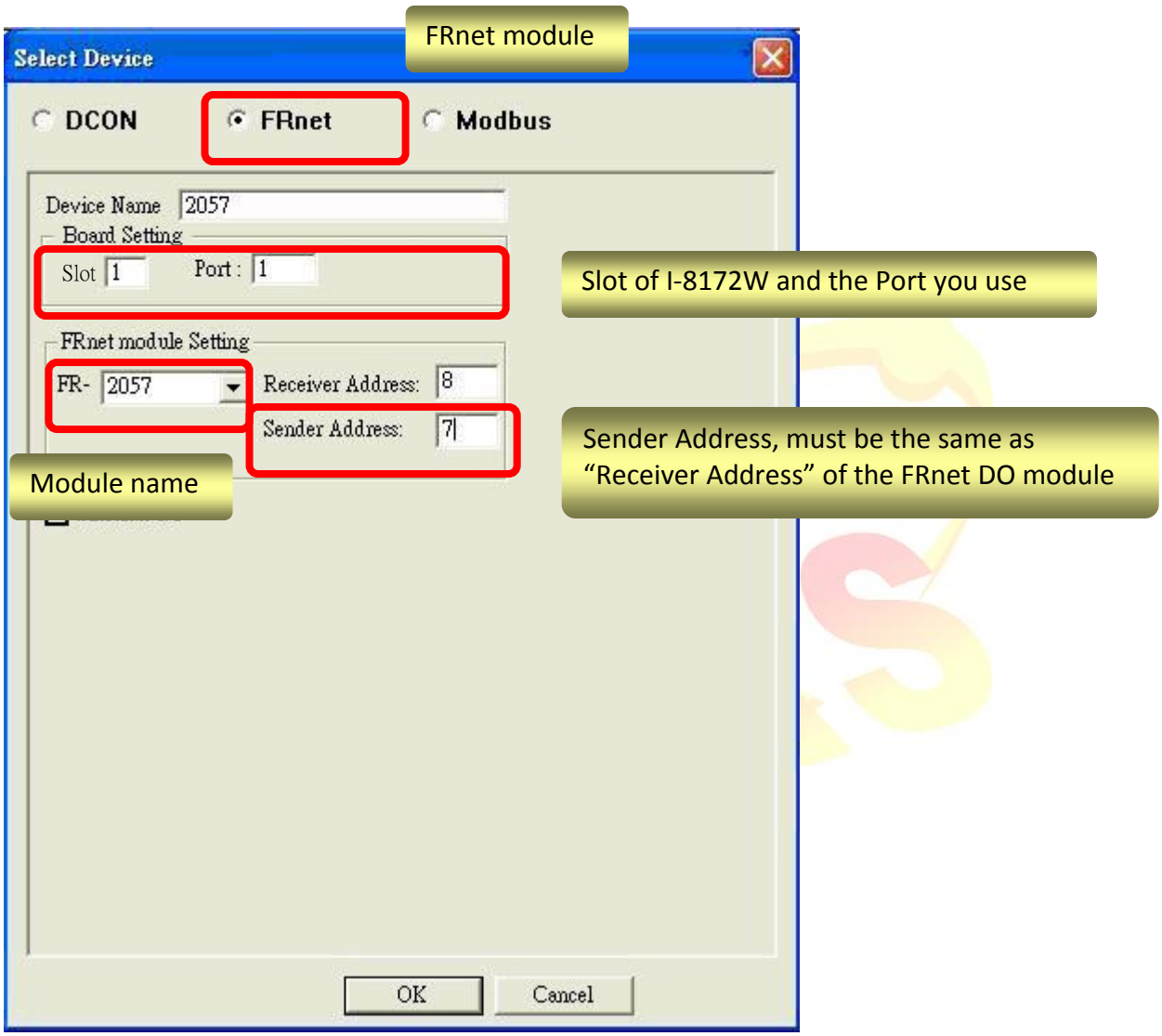


Now we could exchange data between XP-8000-CE6 and FR-2053.

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Step 3 Add FRnet DO module (Example: FR-2057)

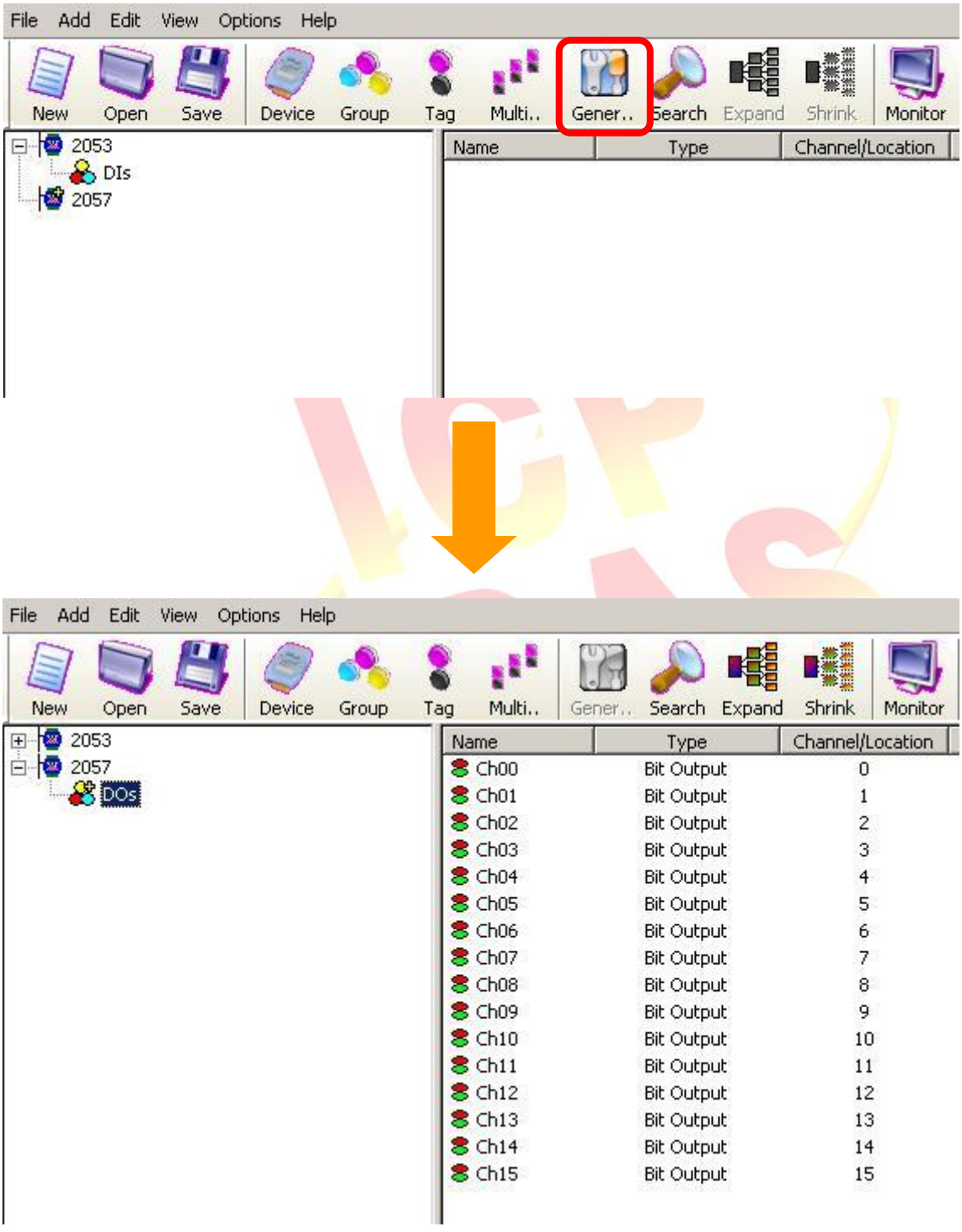
Basically, the procedure is the same as before, the only difference is that you have to set "Sender Address" instead of "Receiver Address".



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Step 4

The following procedure is the same as adding FR-2053. Click ”Generate Tags” to add tags, then it’s done.



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