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## How to connect XPAC to XPAC via NAPOPC DCOM settings?

Applies to:

Platform	OS version	NAPOPC version
XPAC	XPE	NAPOPC_XPE v1.12

In this case, one of PC is OPC Client, and another PC is OPC Server. Set up DCOM settings of each XPAC (Client and Server) first, and then XPAC (Client) could take the data from NAPOPC\_XPE of another XPAC (Server) by the OPC Client program:

### Step 1:

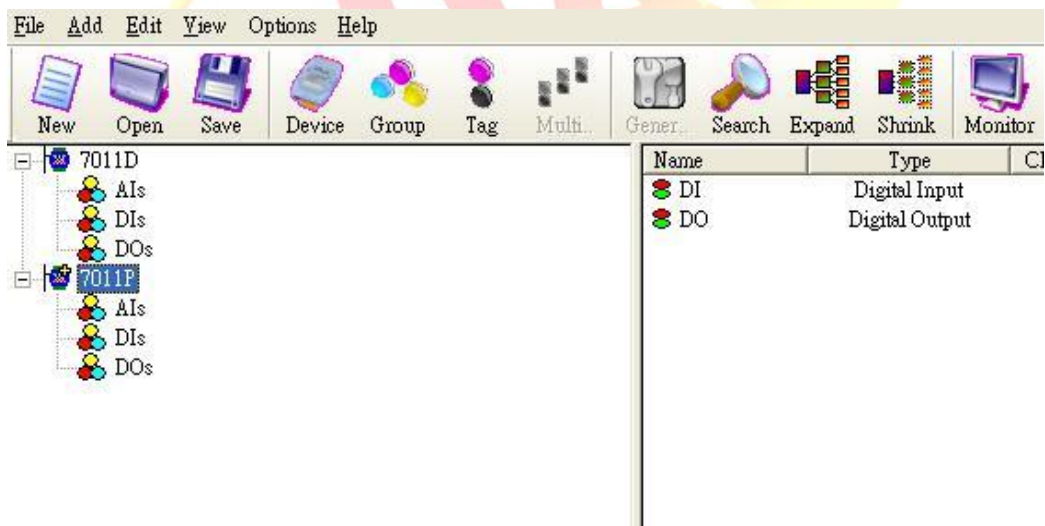
Accomplish DCOM settings of XPAC (Server). Please refer to **NAPOPC\_XPE manual 4.2.1**

### Step 2:

Accomplish DCOM settings of XPAC (Client). Please refer to **NAPOPC\_XPE manual 4.2.5**

### Step 3:

Edit your NAPOPC\_XPE project on XPAC (Server).



### Step4:

Execute your OPC Client program on XPAC (Client), and connect it to NAPOPC\_XPE of another XPAC (Server). Furthermore, you could exchange data between two XPACs. In following capture, the OPC Client program is **Server Explorer** (Provided by NI).

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Name (Device\...)	Item ID	Value	Timestamp	Quality
7011D.AI...	7011D.AIs.Ch00	-0.0494076	17:04:57:516	Value good
7011D.DI	7011D.DI	3	17:04:57:516	Value good
7011D.DL...	7011D.DIs.Ch00	-1	17:04:52:559	Value good
7011D.DO	7011D.DO	0	08:00:00:000	Value good
7011D.D...	7011D.DOs.C...	-1	17:04:52:489	Value good
7011D.D...	7011D.DOs.C...	-1	17:04:52:489	Value good
7011P.AIs...	7011P.AIs.Ch00	-4.783867E-02	17:04:57:546	Value good
7011P.DI	7011P.DI	13	17:04:57:546	Value good
7011P.DIs...	7011P.DIs.Ch00	-1	17:04:52:509	Value good
7011P.DO	7011P.DO	0	08:00:00:000	Value good
7011P.DO...	7011P.DOs.Ch...	-1	17:04:52:519	Value good
7011P.DO...	7011P.DOs.Ch...	-1	17:04:52:519	Value good

**The Client is getting data from NAPOPC\_XPE of the Server**

**NOTE:**

1. The User Account of both Server and Client must be the same. Please pay attention to it when you set User Account.
2. Install NAPOPC\_XPE DA Server on both Server and Client, it's better for data exchange.
3. Please notice the last step of DCOM settings on "Client".

NAPOPC DA Server properties -> Location: You have to input the IP Address of "Server".

**NAPOPC\_XPE DA Server Properties**

General | **Location** | Security | Endpoints | Identity

The following settings allow DCOM to locate the correct computer for this application. If you make more than one selection, then DCOM uses the first applicable one. Client applications may override your selections.

Run application on the computer where the data is located.

Run application on this computer.

Run application on the following computer:

192.168.1.91      Browse...

OK      Cancel      Apply