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How to connect PC to XPAC via NAPOPC DCOM settings?

Applies to:

Platform	OS version	NAPOPC version
PC	XP	NAPOPC_ST v3.20

In this case, **PC** is the **OPC Client** and **XPAC** is the **OPC Server**. Set up DCOM settings of both **PC (Client)** and **XPAC (Server)** first, and then **PC (Client)** could take the data from **NAPOPC_XPE** of **XPAC (Server)** by the **OPC Client** program:

Step 1:

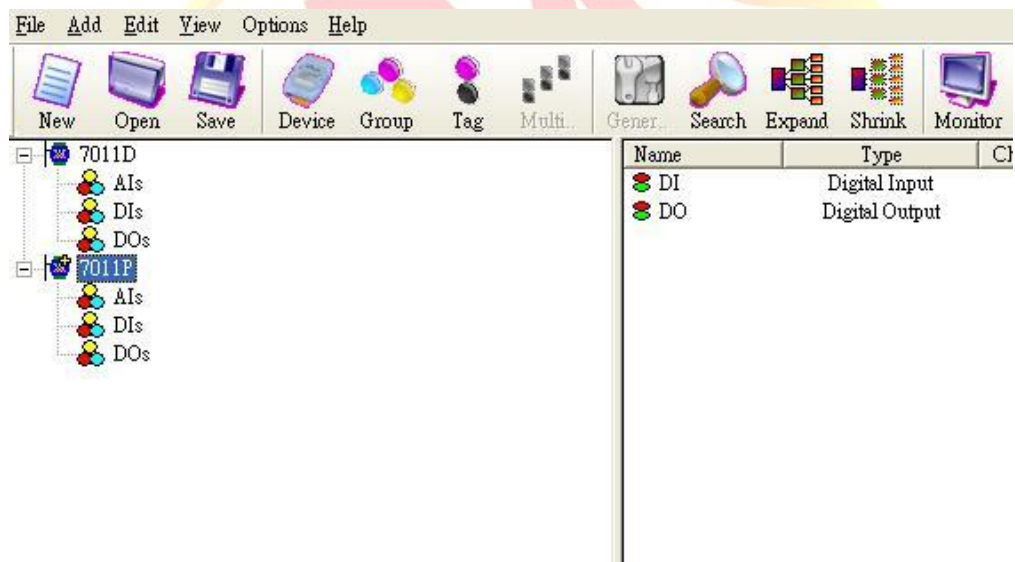
Accomplish DCOM settings of **XPAC (Server)**. Please refer to **NAPOPC_ST manual 4.2.1**.

Step 2:

Accomplish DCOM settings of **PC (Client)**. Please refer to **NAPOPC_ST manual 4.2.4**.

Step 3:

Edit your NAPOPC_XPE project on **XPAC (Server)**.



Step 4:

Execute your OPC Client program on **PC (Client)**, and connect it to **NAPOPC_XPE** of **XPAC (Server)**. Furthermore, you could exchange data between PC and XPAC. 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.DIs...	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.Ch...	-1	17:04:52:489	Value good
7011D.D...	7011D.DOs.Ch...	-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 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".