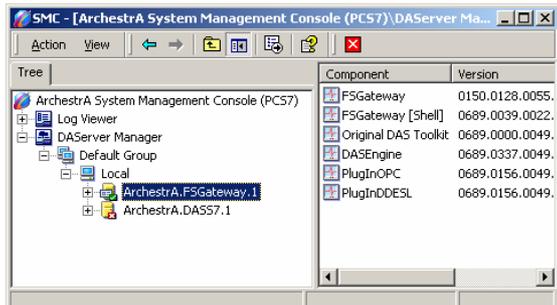


Configuration FSGateway and InTouch

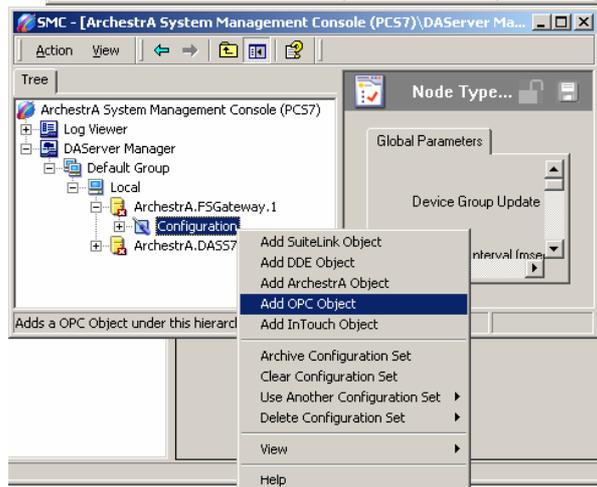
At first, we have to check if OPC server runs. We may use OPC Scout. We have to see variables in OPC Scout.

FSGateway

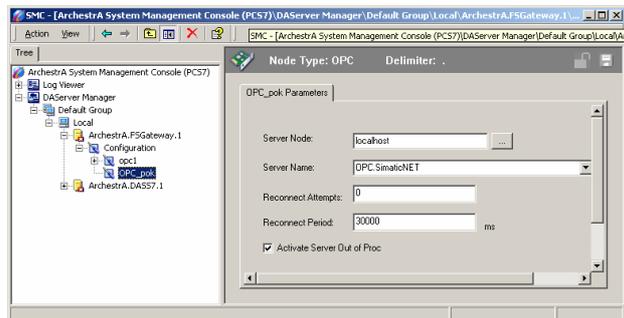
Run System Management Console (Start → Wonderware → System Management Console)
DAServer ArchestraA.FSGateway.1. had to install at the PC.



After click item DASserver. It's showed menu Configuration. Click to add another OPC server. It's suitable if we write short name of OPC server.

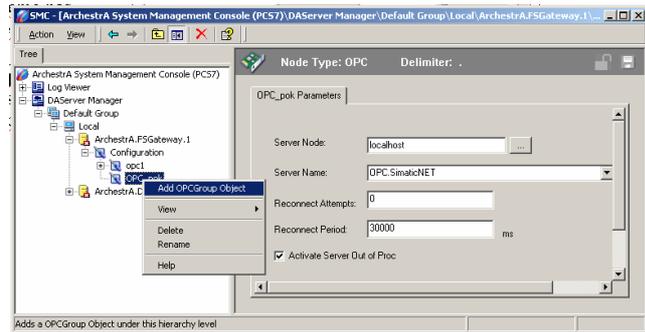


Settings parameters of OPC. Item server is set as localhost because InTouch runs on same PC.
Item „Server Name“ is chosen from list and it has to be our OPC server. (for our example it's OPC.SimaticNET) .

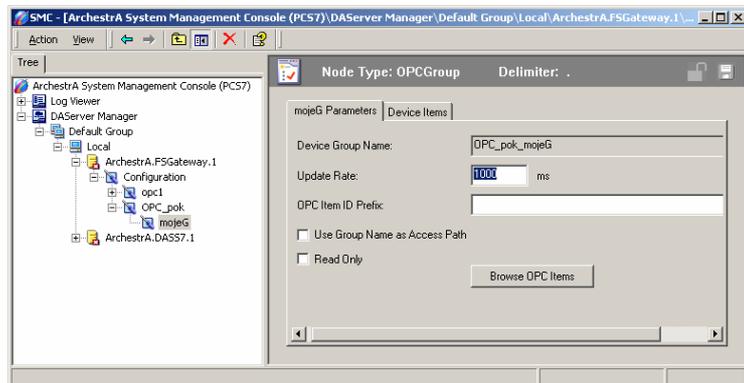


Item *Reconnect Attempts* must be set (number says how many try InTouch connect to OPC server) . If we put number 0, Intouch try connecting continuously with interval which put into item *Reconnect Period*.

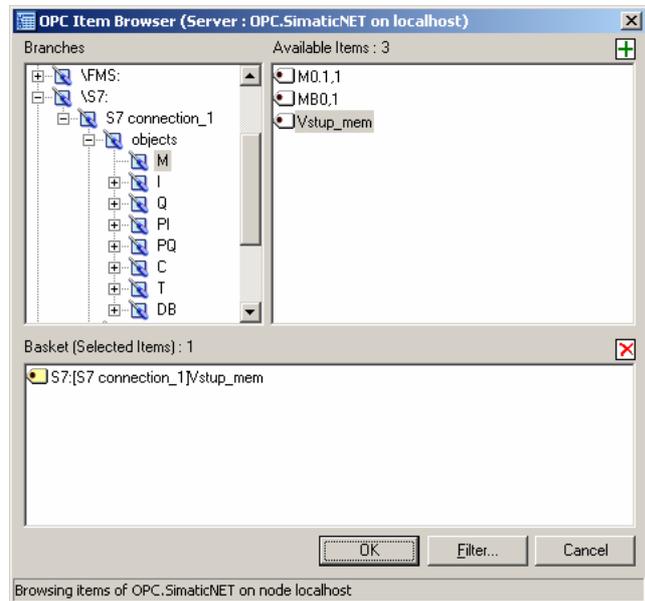
We have to define our group of variables for visualization. We should write short name because name will be used in InTouch.



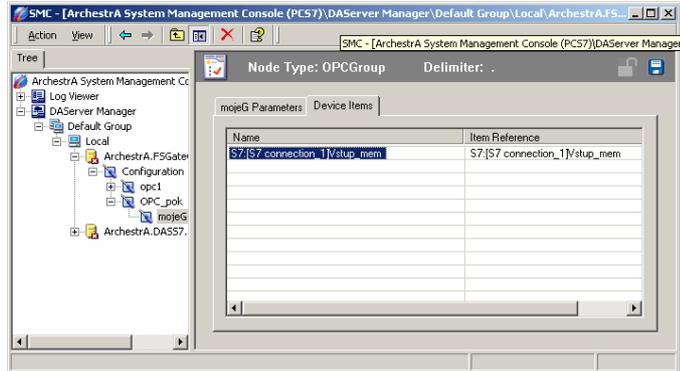
After add our group, menu shows in the right side of Windows. We can find out our variables after click the button „Browse OPC Items“.



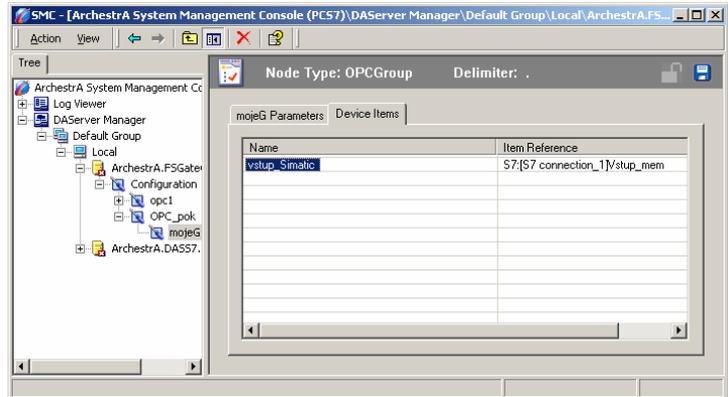
Windows with our variables. We choose variable and then click the button „plus“ in the top corner. Click the button add chosen variable to basket. As soon as we are finished with choice, we confirm our choice.



We choose item „Device Items“ and window are show. We can change name of our variables, because shorter names are better.



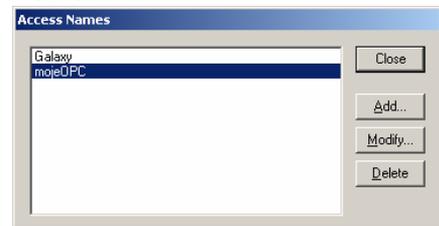
It's showed window after change name. At last it's important set to active FSGateway. Right-click to open menu and click on „Run“.



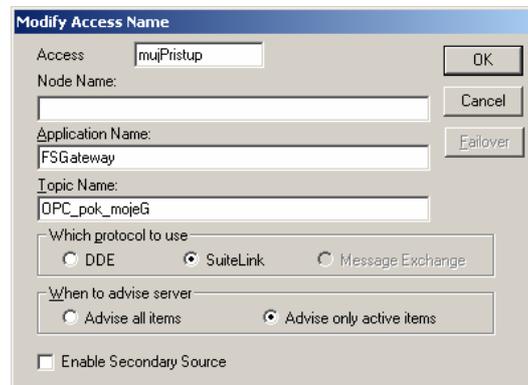
InTouch

InTouch. We have to create *Access Name* for our OPC server.

As soon as we click to the button Add, we can create new Access Name.



Item *Access* is our name of connection. *Node Name* is name of our PC and it's not import fill it when OPC runs on the same PC. *Application Name* is filled by name of our DAServer, for our example it's **FSGateway**. *TopicName* is filled by name of OPC with name of group. Another settings is same as picture on the right side.



Definition our variable in InTouch. Item „Item“ is filled by name which is defined in „Device items“ in FSGateway. Tagname can contain arbitrary text.

The screenshot shows the 'Tagname Dictionary' dialog box with the following fields and options:

- Navigation tabs: Main, Details (selected), Alarms, Details & Alarms, Members
- Buttons: New, Restore, Delete, Save, <<, Select..., >>, Cancel, Close
- Tagname: vstup_Simatic
- Type: I/O Discrete
- Group: \$System
- Access: Read only, Read Write (selected)
- Comment: AccessLevel
- Options: Log Data, Log Events, Retentive Value
- Initial Value: On, Off (selected)
- Input Conversion: Direct (selected), Reverse
- On Msg: [empty], Off Msg: [empty]
- Access Name: muPristup
- Item: vstup_Simatic
- Use Tagname as Item Name: