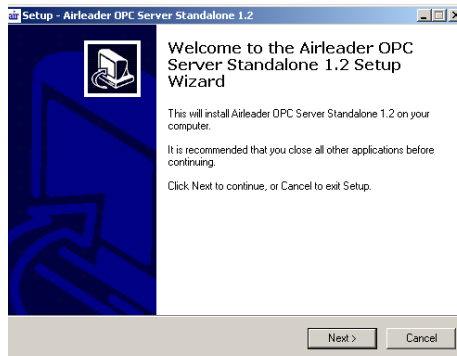


OPC server short description

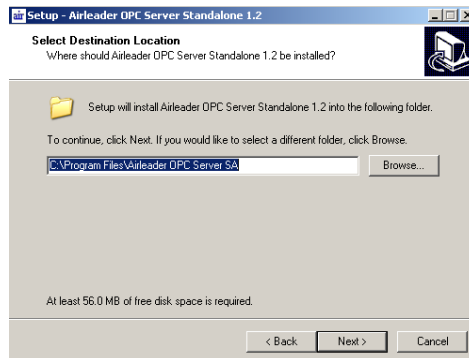
1) Installation

To install the OPC-Server Software insert CD-Rom and run installation program.

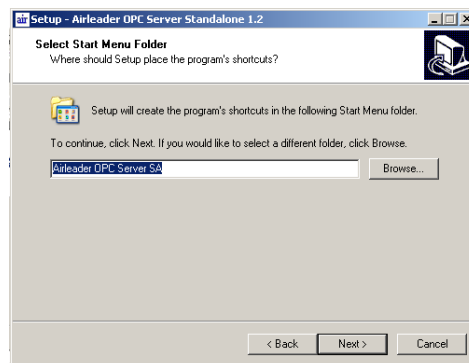
1) Set-up Wizard



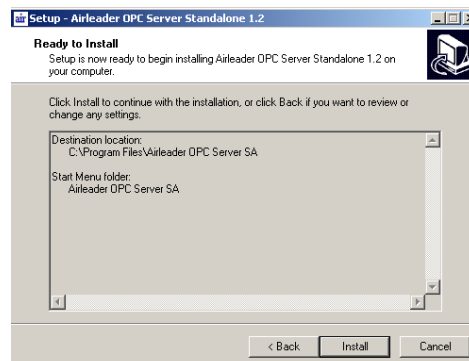
2) Select Destination Location



3) Select Start Menu Folder



4) Ready to install

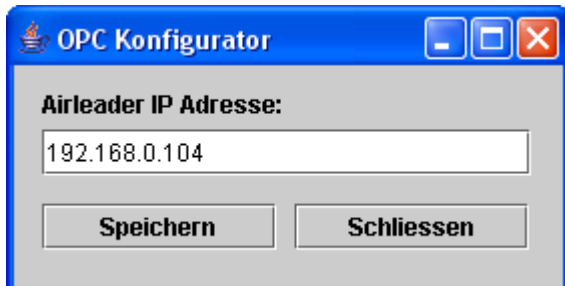


5) Confirm license agreement

II) Configuration

The delivered AIRLEADER OPC-Standalone-servers software contains an OPC-Konfigurator.

Register Airleader IP Address in the line the "Airleader IP Adresse".

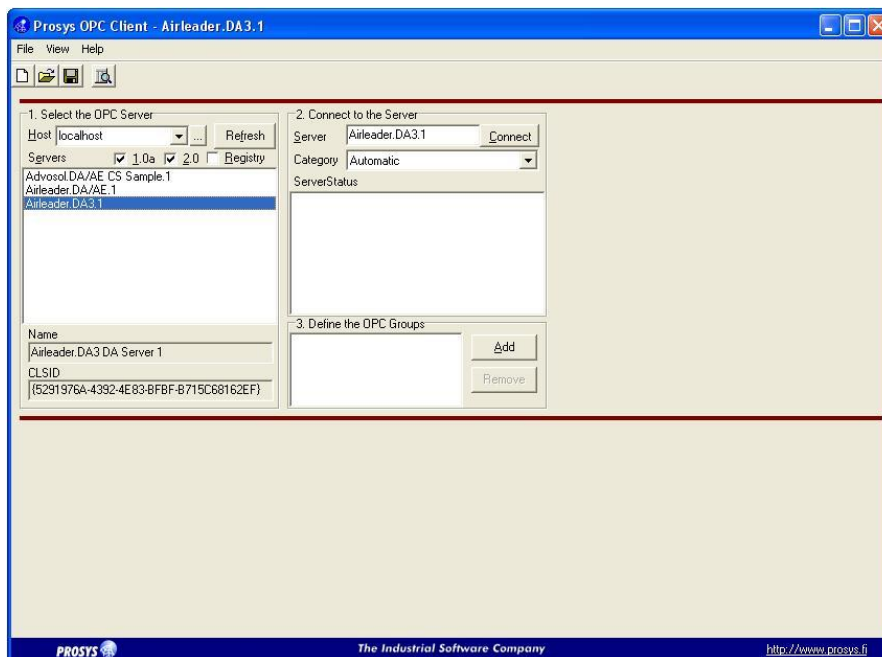


Speicher = Save Schliessen = Close

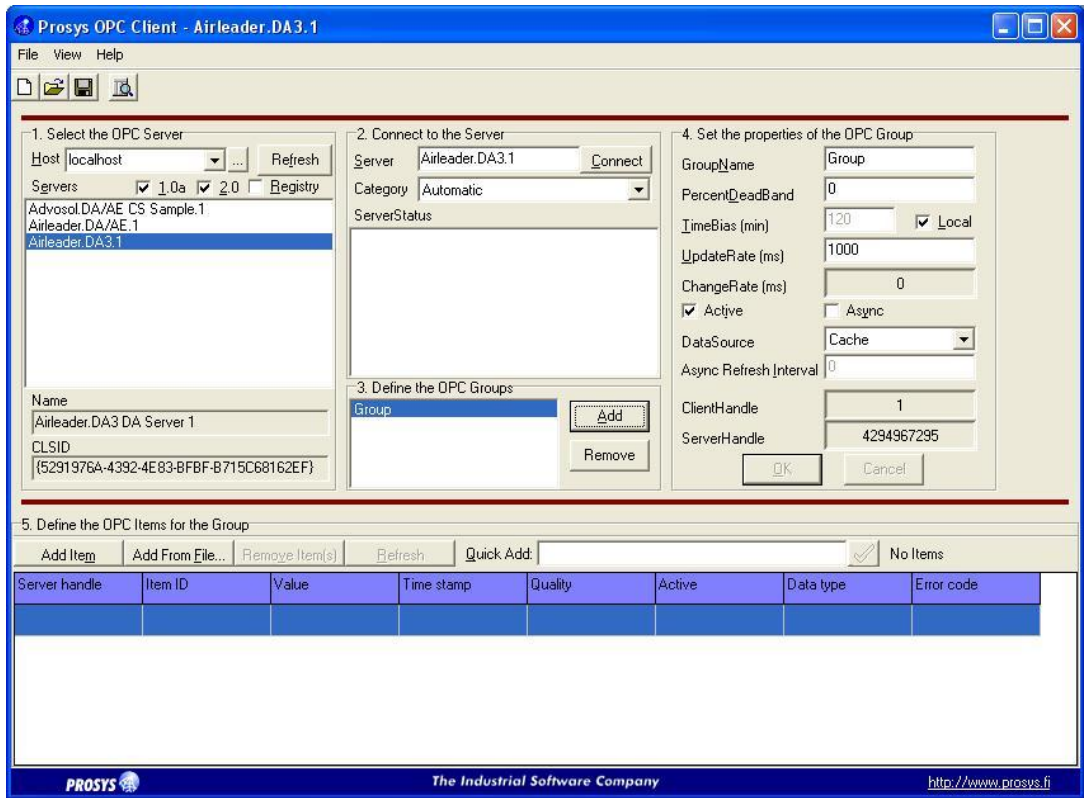
OPC client function test

OPC-test client is a tool to test the functionality of the OPC server.

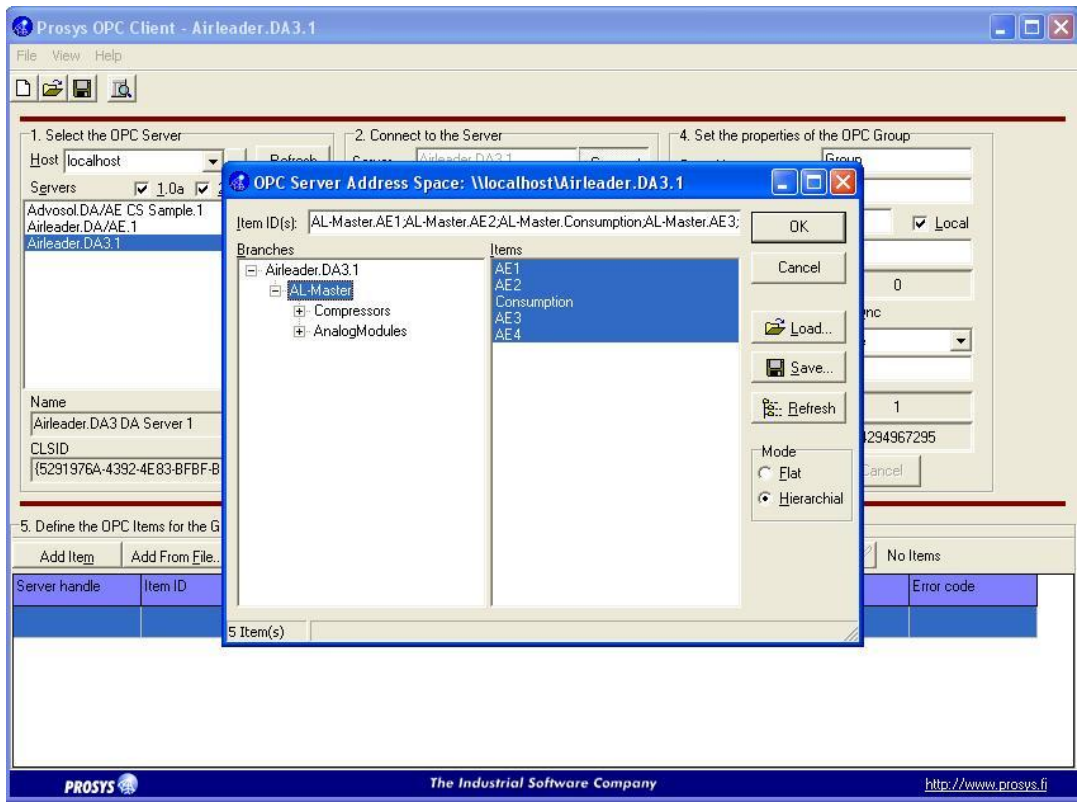
Select OPC server and one establish connection.

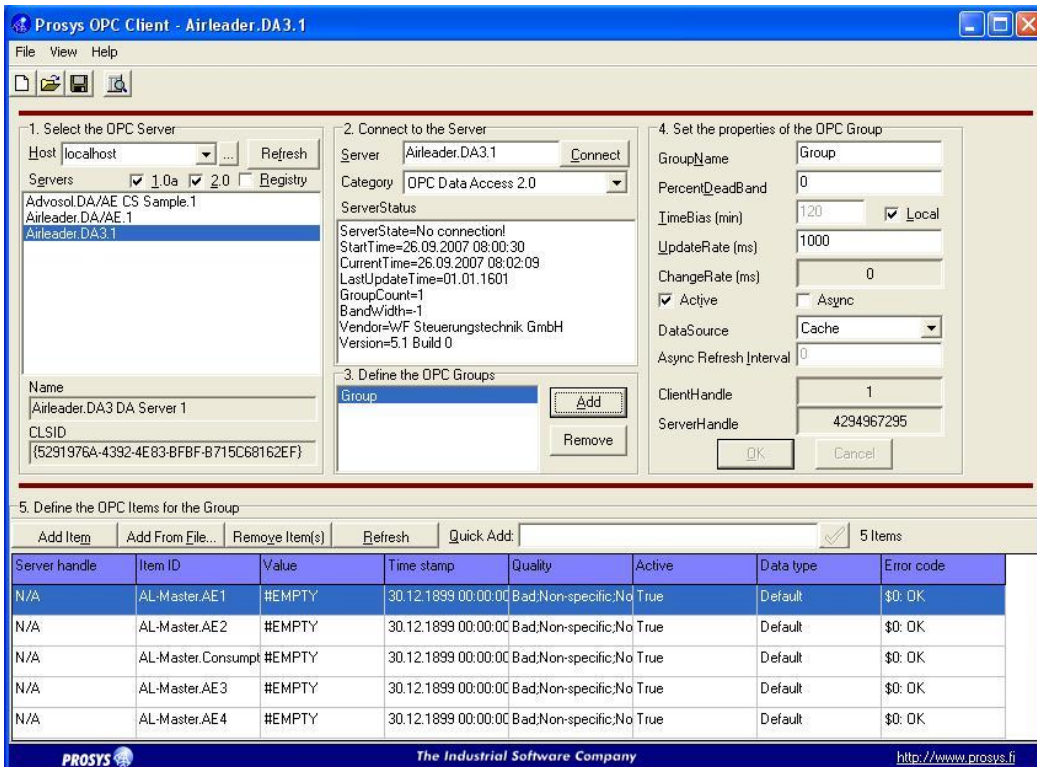


Add Groups:
 The Add button allows you to add groups



Add Item:
 To add the values of the Airleader master module or the connected compressor and data modules





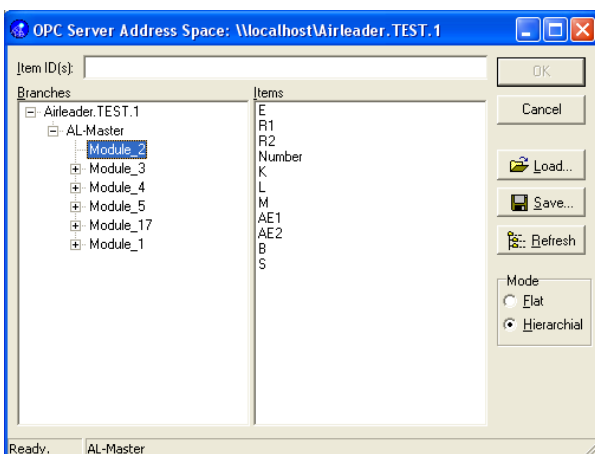
Now the defined Airleader values are available to monitor.
The values will be updated at a 1000 ms base.

System requirements:

Pentium or higher, min 10MB available memory
Windows XP,2000/2003, Windows 7
Microsoft .NET 2.0

OPC – Protocol description

AL-Master is the main Airleader Master console where you can get AE1 to AE4 (analog input 1 to 4)
Module 1-16 are compressor modules
Module 17-24 are data modules
Selected the desired items to be monitored.

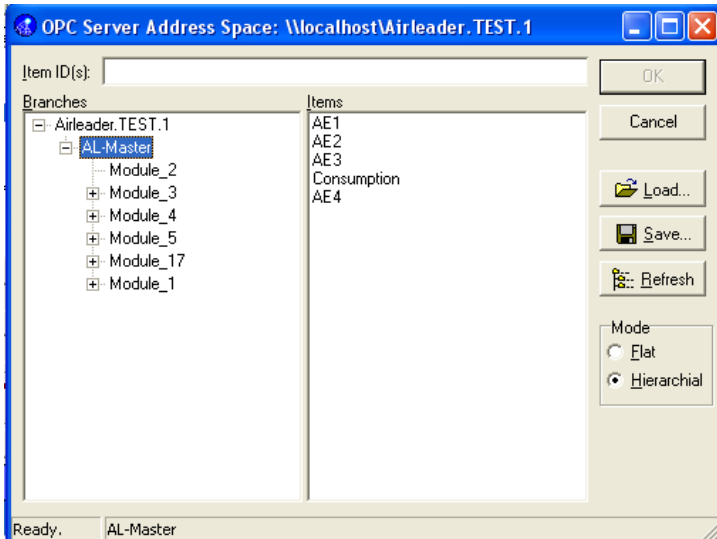


The selected tag **AL-Master.Module_2** has the on the right side items to select from

To select the value of analog input 1 from module 3 select the following tag:
AL-Master.Module_2.AE1

Analog value are always calculated valued based on the configuration of the AIRLEADER (e.g. 96 PSI for net pressure AE1 at the master module)

MASTER:



AL-Master.AE1 = value analog input1 Mastermodul (net pressure in PSI)

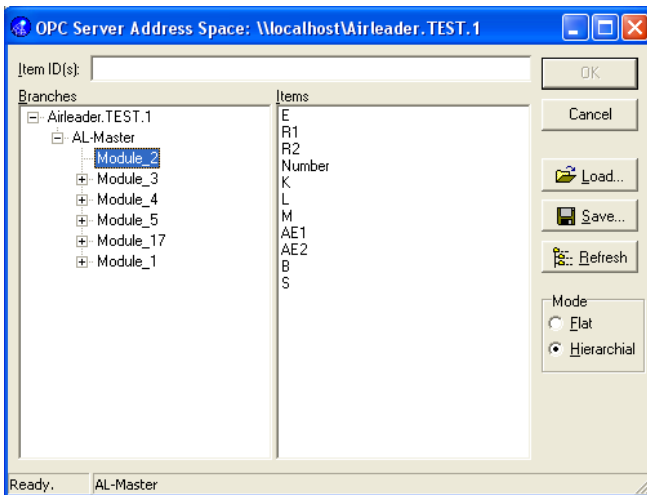
AL-Master.AE2 = value analog input2 Mastermodul (free)

AL-Master.AE3 = value analog input3 Mastermodul (free)

AL-Master.AE4 = value analog input4 Mastermodul (free)

AL-Master.Consumption = current air consumption (cfm)

ANSCHLUSSMODULE:



AL-Master.Module_n.number = Address of module (DIP-switch)

AL-Master.Module_n.K = Compressor module / accessory (digital)

AL-Master.Module_n.E = Communication fault (digital)

AL-Master.Module_n.R1 = Status relay 1 (digital)

AL-Master.Module_n.R2 = Status relay 2 (digital)

AL-Master.Module_n.B = ready for compressor module; free programmable digital input at data module

AL-Master.Module_n.M = motor run for compressor module, free programmable digital input at data module

AL-Master.Module_n.S = Fault for Compressor, free programmable digital input at data module

AL-Master.Module_n.AE1 = analog input 1

AL-Master.Module_n.AE2 = analog input 2