

OPC data source definition looks OK to me.

The screenshot displays the ABB Engineering Workplace interface. The main window shows the 'Control Structure' tree on the left and a list of 'Aspects of Control Network' in the center. The 'OPC Data Source Definition' aspect is selected and highlighted with a red circle. Below the list, the configuration for 'OPC Configuration' is shown, with the 'Service Group' dropdown set to 'SG_Control Network', also highlighted with a red circle. The 'Data Source Key' is set to '{790F312D-C99F-11D2-8576-0060B0CEA860}'. A separate window titled 'OPC OPC Server Configuration' shows the status as 'Running' and a list of connected controllers, including '172.16.4.11:2'. At the bottom, a window titled 'SG_Control Network : Service Group Definition' displays a table with the following data:

Node	Def. Type	Service	State	Status	M	Process	Start time	Last command	Master Candidate	Configuration	Group	Provider
DEMO800XA51	Registered	OpcDA_Connector	Service	0x0		7156	4/27/2016 11:18...	Run	{00000000-0000-0000-00...	Reg:OpcDA_Connector/SG_Control Network/OPCDA_Provider_DEMO800XA51	SG_Control Network	OPCDA_Provider_DEMO800XA51

The bottom right corner of the interface shows the user 'DemoA' and the ABB logo.

But when I go to my application/program/property view and subscribe for live data it gives me bad quality.
Any suggestions?

The screenshot shows the ABB Engineering Workplace interface. The left pane displays a tree view of the control structure, with 'Instrumentation' selected under 'Programs'. The main pane shows a list of aspects for 'Instrumentation', with 'Program' highlighted. Below this, the 'Property View' for 'Instrumentation:Program' is shown, containing a table of data points. The 'MyVariable' data point is highlighted, showing a quality of 'Bad (not connected)'. At the bottom, the 'Subscribe for live data' checkbox is checked.

Name	Data Type	Access	Update Rate	Value	Quality	Timestamp	Flags	Read Permi...	Write Permi...	Description	HRESULT	Count
MyVariable	VT_I4	R/W	1000		Bad (not connected)	4/29/2016 9:17:20 ...		Read*	Operate*		0x0	1