OPC HDA Client Communication Driver

This document has the specific information related to the driver configuration. For a generic explanation on Devices, Channels, Nodes and Points configuration, please refer to the reference guide.

Contents

Section 1 – Summary Information

Communication Driver Name: OPC HDA Client

Implementation DLL: T.ProtocolDriver.OPCHDA.dll

Protocol: OPC HDA proprietary

Interface: OPC HDA proprietary

Description: The communications blocks are dynamically created according the pooling cycle defined on the Access Type for each Device Point.

OPC servers supported: Any OPC HAD server compatible

Protocol Options: None

Max number of nodes: user defined

PC Hardware requirements: none

PC Software requirements: OPC Core components

> ✍Note:
>
> You can find the OPC Core components in the OPC Foundation web site.
> http://www.opcfoundation.org/

Section 2 – Channel Configuration

There is no channel configuration for OPC Xml/DA Client channels.

Section 3 – Node Configuration

Station Configuration

HDA Server: Defines the OPC HDA Server. If HDA Server is running on remote computer then you should include the computer name. Ex: \\SERVER\ Advosol.HDA.Net4.Test.5

Domain: [Optional] Domain when connecting to remote computer.

User name: [Optional] User name when connecting to remote computer.

Password: [Optional] User password when connecting to remote computer.

Section 4 – Point Configuration

Choose the OPC HDA Server item that will communicate with the tag.

You can type the OPC HDA Server item name into the textbox, or you can browse the OPC HDA Server items with the cell editor.

Section 5 – Troubleshoot

The status of the driver execution can be observed through the diagnostic tools, which are:

- Trace window
- Property Watch
- Module Information

The above tools indicate if the operations have succeeded or have failed, where the status 0 (zero) means success. Negative values are internal error codes and positive values are protocol error codes.

Please, consult your OPC HDA Server documentation for the protocol specific error codes.

Revision History

Revision	Description	Date
A	Initial Revision	December, 2015