OPC Installation Instructions

1. Go to www.advosol.com to download the Advasol OPC Software, in order to set up the OPC connection.

2. Place the mouse cursor over Downloads, located in the top toolbar on the Advosol home page, and click on Free Tools.
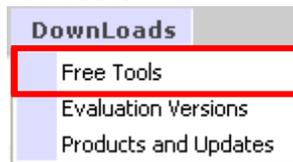
3. On the Free Tools page, scroll down to the tool, DA V2/V3 Simulation Server. Once you have found that, click on the link located to the far right of this row, or click here: **OPC DA .NET client component**.

DA V2/V3 Simulation Server	The server has a hierarchical item address space with static and simulated items of most simple and array data types.	OPC DA .NET client component

Clicking this link will take you to an information page, providing details on the OPC DA .Net Client Component Software. After reading about the program, to continue, click on 'Buy or Evaluate' at the top of the page, or 'Online Store' at the very bottom of the page. This will take you to a similar page, but at the bottom is a shopping list of sorts, where you can browse the versions of the software available, and their prices. For this example, only the free version is required. Click on 'Add to Cart' to continue.

Product	SKU	Description	Price	Order
Evaluation License	DANW-EV	The **Evaluation License** grants the non-exclusive right to use the enclosed software and accompanying documentation for internal evaluation and testing purposes only. It may be used on multiple computers and by multiple users but may not be re-distributed to other locations. The evaluation software is time restricted and to be restarted after 30 minutes run-time. Please read the license agreement.	$0.00	Quantity: 1 Add To Cart

4. Doing this will take you to the Shopping Cart page. Here, the order can be reviewed. In this case, as the order is a free version, simply click 'Continue Checkout'.

Subtotal (Includes Discounts):	$0.00
Tax:	$0.00
Shipping Method: Download	$0.00
Total:	$0.00

Transaction / Payment Type: Free Evaluation

Continue Checkout

5. Next, the Account and Contact information must be completed. This is used to log into the site and access your personal account with www.advosol.com. If you already have an account with Advosol, click here. Also, for installation, a password is required and is sent to the email entered in the personal information.

ACCOUNT & CONTACT INFO

Your Account & Contact Information is used to login to the site. Please save your password in a safe place.

Your First Name / Last Name:		(required)
Your Company:		
Your E-Mail:		(required)
Your Personal Password:	(required)	
Your Phone:	(required)	
Your Country:	Country ▼ (required)	

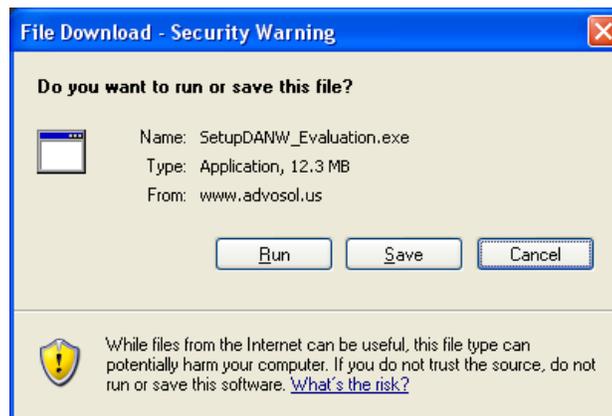Once the required fields have been completed, click on Continue Checkout to advance.

6. The next page is the order confirmation. On this page are the Order Number and your Customer ID. Also, there is a button to download the file. Click on it to commence the download.

Your download files for this order are:
You can also download the files later by going to 'My Account' - 'My Downloads'

[Download] OPCDA.NET, Evaluation License

The download files are EXE setup files. Some browsers add falsely a '.ZIP' extension.
Store the download file with the '.EXE' file type and execute it.
The setup passwords for evaluation packages are listed in the confirmation email.

Clicking the download button brings up the following box:

File Download - Security Warning

Do you want to run or save this file?

Name: SetupDANW_Evaluation.exe
Type: Application, 12.3 MB
From: www.advosol.us

[Run] [Save] [Cancel]

While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

Note: Some internet browsers will attempt to download the file as a .zip file. It is supposed to be a .exe file. If you have trouble, repeat all the previous steps in another internet browser. The recommended browser for this action is Internet Explorer, as Mozilla Firefox attempts to download the .exe file as a .zip file.

Click either Run or Save to download the file.
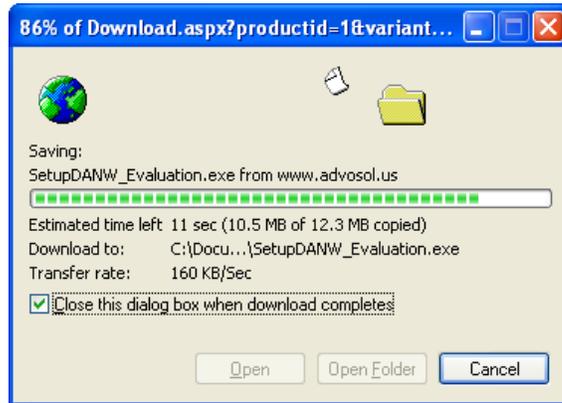
7. Once the file has been saved, double click on the icon to commence installation.

Doing so will bring up the following window:

Click Run to continue with the installation.

8. Next, the product specific password must be entered. This is sent to the email detailed in the personal information section of the Advosol website, before downloading the item.

The InstallAware Wizard will then verify the contents of the setup package

9. After that is done, the following screen will appear:

Click Next to continue or Cancel to quit the Setup

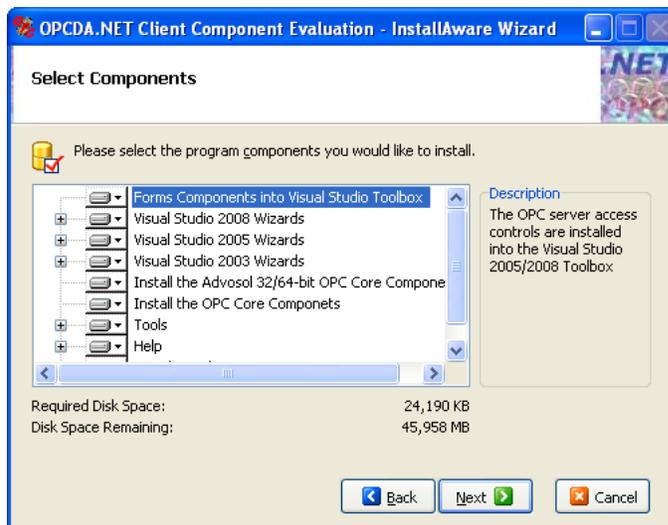10. The next window is the license agreement.

Once the Software License Agreement has been read and agreed with, click the check box to indicate acceptance of the terms, before clicking Next.

11. At the following Important Information screen click next to continue after reading.
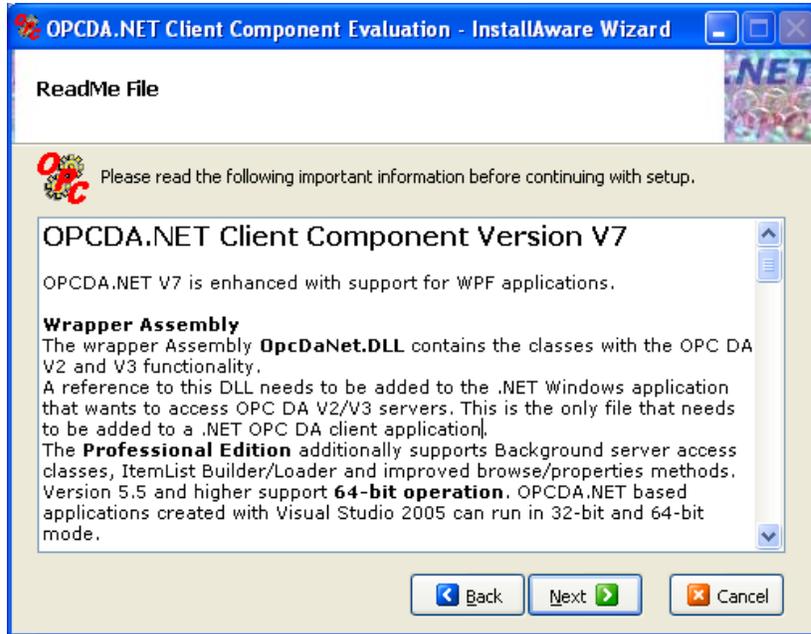
12. The Next Screen denotes the components to be installed.

Individual components can be selected to be installed, or excluded from the install via the drop down box. Once the required components have been selected for install, click next to continue.
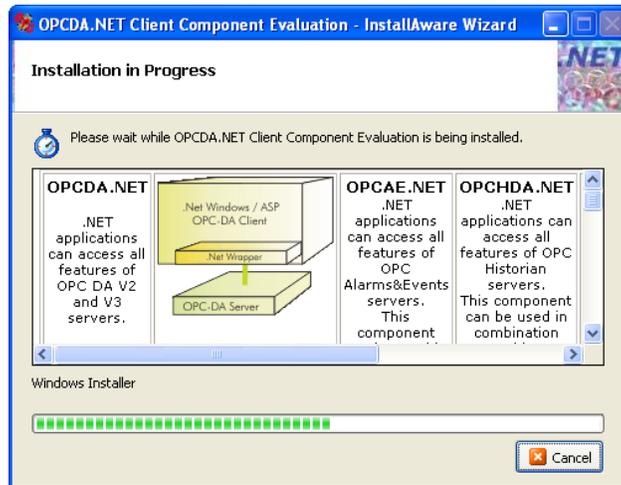
13. The Setup will then select a directory for the install. This can be manually changed to select a more suitable directory. The default directory is C:\Program Files\Advosol\OPCDA.NET Client Component Evaluation.
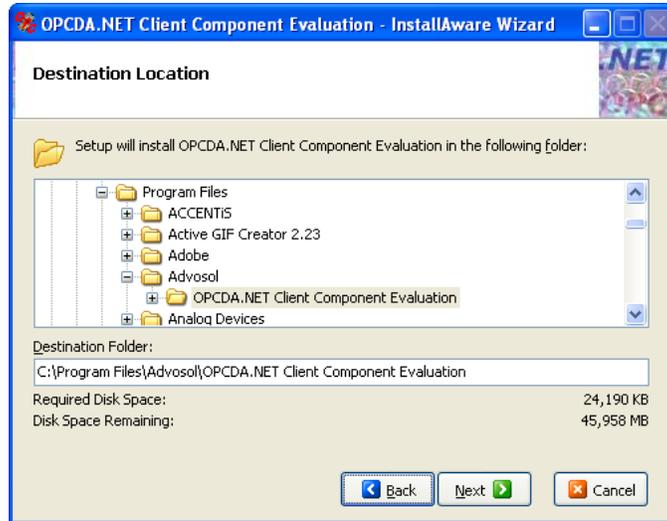
14. The Setup will then choose a Start Menu group. If the default group is satisfactory, click next to continue.
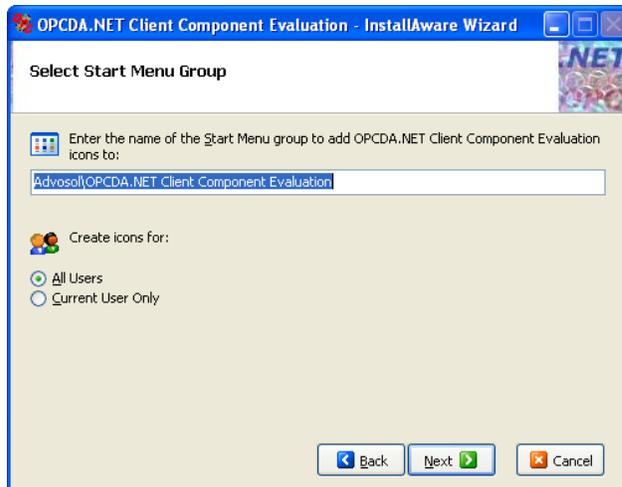
15. The Installation will then commence:

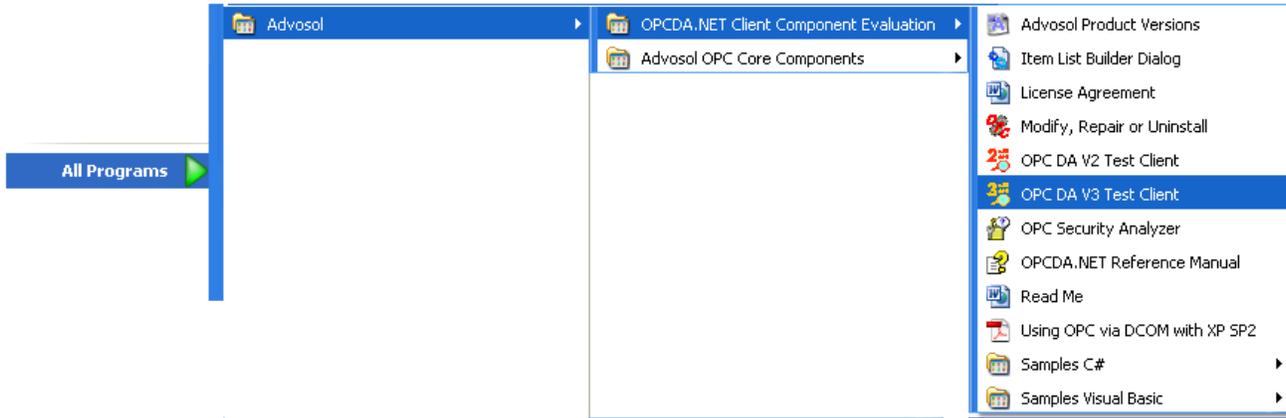16. When the installation is complete, click Finish to exit the application.
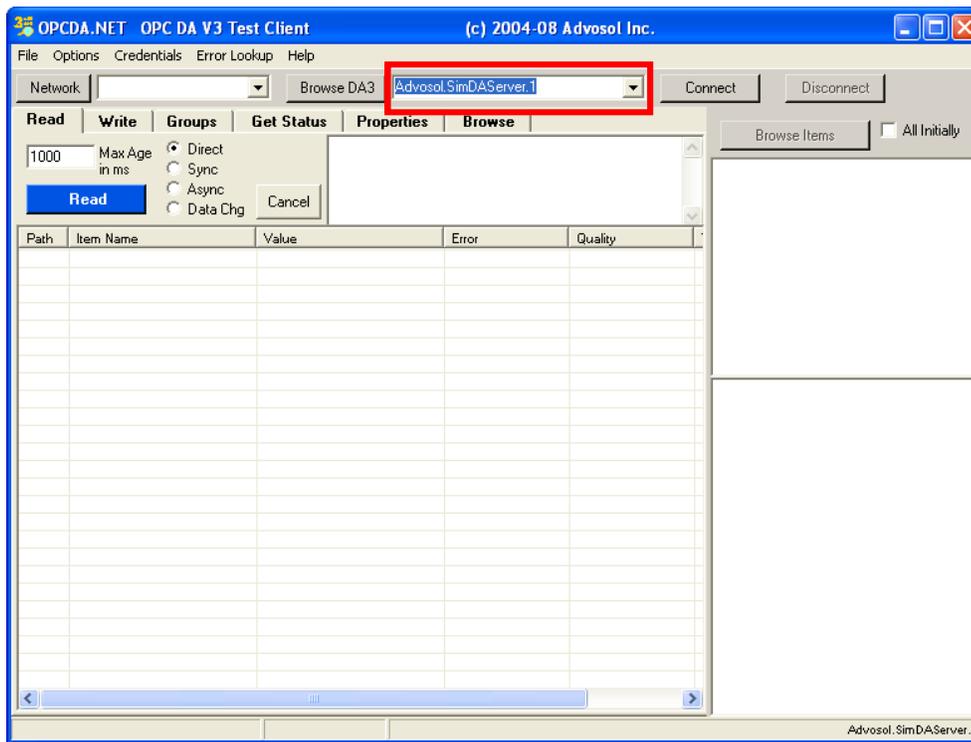

<u>Connecting To Simulation</u> <u>An IComm Device and</u> <u>Server</u>

1. Open the OPC DA V3 Test Client Program.
   - To do this, open the Start Menu, click on All Programs – Advosol – OPCDA.NET Client Component Evaluation – OPC DA V3 Test Client

2. Once the program is opened, in the top text box in the middle, type "Advasol.SimDAServer.1". Once that is done, click

3. Once that is done, open and sign into the Cabak Monitor Application. If you have not set up a personal Admin account, use the default username 'Admin' and password of 'password'.
Go to the Points Section.

4. To add a new point, click on the details tab. Then, on the toolbar at the bottom, click ADD. Enter the following details for the point:
    *   Interface Type: OPC
    *   Alias: Type a name for the point
    *   Owner: Optional (if relevant)
    *   Server Address: because the server is locally hosted, the address is 127.0.0.1 or localhost
    *   Connection ID: 1
    *   Device Address: Advosol.SimDAServer.1
    *   Point Address: SimulatedData.Random
    *   Real Description: Type a description for the point
    *   And any relevant information from there on, such as Alarm, Charge Rate, Log Accumulator/Digital/Alarms/Display
    Once completed, click save to create the point.

5. Once the new point is created, click on the Monitor tab in the side toolbar. The point that was just created should appear, along with a fluctuating point value, if Monitoring is turned on. The point is now connected to the Simulated OPC Server.