

## **OPC/DDE** Interface

## Dynamic Data Exchange (DDE)/OLE for Process Control (OPC) Interface Application

AllMax has an OPC/DDE interface available, allowing you to enter data via any SCADA system or other OPC/ DDE compatible application without manually having to re-enter your data in Operator10<sup>®</sup> software.

Data can be exchanged with any running application that supports OPC/DDE linking using the ASCII text format. Examples are:

Microsoft<sup>®</sup> Excel<sup>®</sup> Microsoft Word<sup>®</sup> Wonderware<sup>®</sup> InTouch<sup>®</sup> Intellution Fix<sup>®</sup> RSLinx<sup>®</sup> Microsoft Access® FactoryLink® LookOut® Citect® FMT

Below is an example of a OPC/DDE interface application setup using Wonderware InTouch Viewer.

Operator10@OPC/DDE Interi Operator10@OPC/DDE Interi	ace		
<u>Start</u> Stop Reset OPC/DDE Links: 14:13-Effluent Chlorine 14:13-RAS Flow 14:13-Raw Flow 15:00-Effluent DO 15:00-Raw Max pH	05/07/99 14:12:49 < <u>A</u> dd <u>R</u> emove <u>T</u> est <u>Print</u> Log	Link Name: Effluent DO OP10 Definition Facility: AllMax WasteWater S Location: Plnt Ef Parameter: 00300 Data Type:	Server Definition Service: Copy Paste VIEW Topic: TAGNAME Item: FinalD0 Data Definition Start At: 08:00 Times/Day: 24
	🔽 Log data	Hourly - Whole Hour	Interval (hr): 1.00

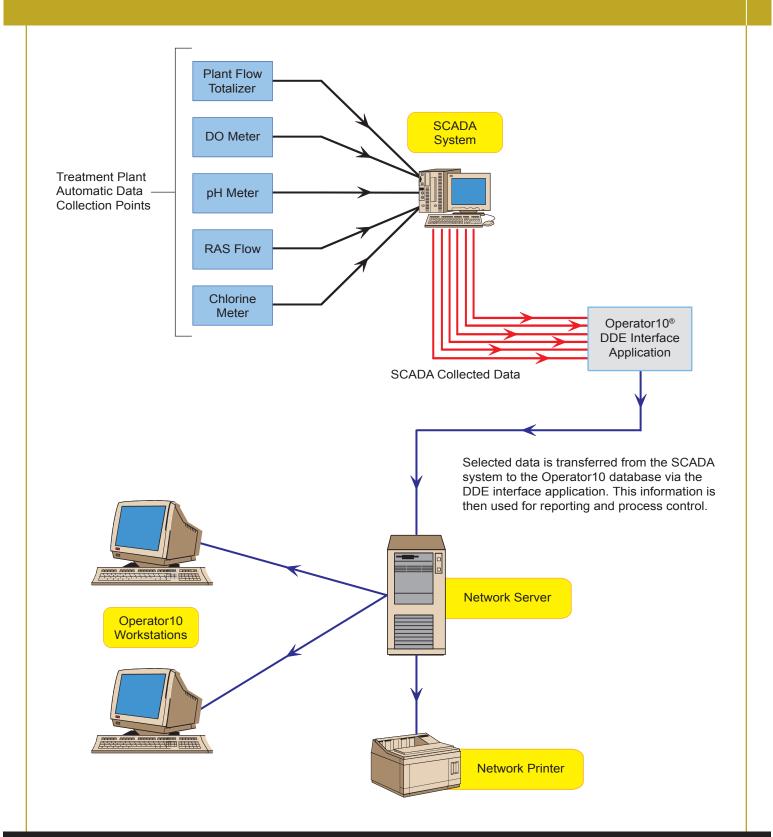
In this example, a reading of the "Effluent DO" meter is taken 24 times per day at one-hour intervals. These values are then placed in the Operator10 database in the location: parameter of "Plnt Ef" (Plant Effluent), "00300" (dissolved oxygen).

The OPC/DDE interface is a separate client/server application that can be used both to retrieve data on a daily or periodic (real time) basis, and to allow OPC/DDE access to Operator10 data values. Since the OPC/DDE interface application is able to both share and retrieve data, it is technically known as both a client and a server.





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AllMax Software, Inc. 911 S. Main St., P.O. Box 40, Kenton, OH 43326 800-670-1867 419-673-8863 Fax: 419-673-8864 sales@allmaxsoftware.com www.allmaxsoftware.com

