



# OPC hands-on workshop

*“IO-OPC-002” (2 days)*

## What is this course about?

This course is a hands-on workshop; participants will be assisted in gaining experience with OPC products and in applying OPC knowledge in lab. This hands-on workshop is dedicated to emphasis the end-user practical experience on OPC application’s installation and setting up. The training platform will include third-party products such as SQL Server, Oracle, Excel, etc. that will interact with OPC components. During this course, participants will learn about:

- Setting or restoring an OPC system’s DCOM configuration through a client/server sample
- Using OPCNet Broker, a DCOM replacement solution that ensures OPC remote communication in a transparent and secure way
- Installing and configuring OPC DA/HDA/AE server simulators and OPC DA/HDA Server Enterprise to interface with ADO-Compliant databases such as Oracle, SQL Server, MS Access and FoxPro
- Installing and configuring OPC clients such as OPC View, OPC Explorers, OPC Client for Oracle and OPC Client for SQL Server
- Testing the client/server OPC connection and gaining hands-on experience with client/server functionalities (archiving capabilities, server-to-server data transfer, etc.)
- Understanding the diagnosis and debug methods for any OPC system and identifying and fixing any OPC installation, configuration, compatibility and interoperability problems

## Who should attend?

This course is primarily designed for implementers of OPC products. However project managers, communications engineers, manufacturing engineers, business systems engineers and advanced technologists are recommended to participate. We strongly encourage everyone to take both “IO-OPC-01” and “IO-OPC-02”.

## What are the prerequisites to this course?

“IO-OPC-001”