

**A Clear View
to the Top**

2010 OPC FREE ONE-DAY Technical Seminars

The OPC Foundation Road Shows have a long tradition of bringing industrial and process professionals together in a forum that provides them with the opportunity to “meet, learn, and speak”. The Foundation has completely redesigned the road show curriculum to focus on the three core parts of the Foundation portfolio: OPC Classic, OPC Express Interface (OPC Xi) and OPC Unified Architecture (OPC UA).

Dates & Locations

February 24, 2010 Houston, TX

April 29, 2010 Santa Clara, CA

May 25, 2010 Portland, OR

June 23, 2010 Minneapolis, MN

***October 20, 2010** Boston, MA

***November 2, 2010** Atlanta, GA

**Target date—please check website*

**Sign up Early,
Seating is Limited!**

Register on-line at:

www.opcfoundation.org/Events



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2010 FREE ONE-DAY Technical Seminars

OPC Classic

This is the OPC that everyone knows and uses today. Based on a Client/Server technology, OPC Classic contains the OPC COM/DCOM, OPC DA, OPC A&E and OPC HDA, specifications. It was designed based on Microsoft's COM and DCOM technology. In a nut shell, OPC Classic defines a common set of interfaces, methods, and properties that enable the transfer of industrial data between a Server and a Client. An OPC Server provides the information at the request of an OPC Client. Essentially, if one wanted to use OPC for communications between devices and controllers in the same domain, then OPC Classic works extremely well.

OPC Xi

OPC Xi was produced as the result of collaboration of several OPC Foundation vendor companies to develop an easily integrated and secure OPC solution that provides a .NET migration path from OPC Classic. OPC Xi is perfect for individuals who work solely in a Microsoft environment and need secure communications outside a firewall and do not want to build a combined product OPC solution.

OPC Xi provides:

- Client server data exchange
- Support for OPC DA, OPC HDA, and OPC A&E
- Secure real-time and historical data transfer
- Firewall Navigation
- Secure web services

OPC Unified Architecture (OPC UA)

OPC Unified Architecture is the next generation of OPC evolution. It is based on the functionality of all the OPC Classic Specifications (OPC DA, OPC A&E, Commands, and Complex Data). OPC Unified Architecture is designed to be platform independent, scalable, and secure and to provide high performance. Furthermore, the abstract design of the technology allows OPC UA to be used as the underlying implementation for which other protocols/standards can use, such as PLCOpen, BACnet, etc.

- Platform Independent (Microsoft, Linux, and Embedded Devices etc.)
- Secure web services
- High Performance
- Combined functionality of all OPC Classic Specifications
- Extensible architecture design
- Cross-industry capable

OPC UA is the only open standard that is designed to be usable in all layers of your enterprise from the embedded device all the way up into your enterprise systems.

Register for any of these events at the following link:

<http://www.opcfoundation.org/Events>

For more information about any of the core OPC technologies please navigate your browser to www.opcfoundation.org



Training Class Agenda

Time	Track
8:30-8:45 am	Welcome
8:45-9:15 am	Introduction
9:15-10:00 am	OPC Classic – DA
10:00-10:30 am	Break
10:30-11:40 am	OPC Classic – HDA, A&E
11:40-12:00 am	OPC Certification
12:00-1:15 pm	Lunch
1:15-1:45 pm	OPC Xi
1:45-3:00 pm	OPC UA
3:00-3:30 pm	Break
3:30-4:00 pm	OPC UA Continued OPC Lab/Importance of Testing UA Products
4:00-4:30 pm	Resources

Multi Vendor Product Fair

Representatives from several sponsoring automation companies will be displaying OPC Classic, OPC Xi, and OPC UA products for review before and after the class, during lunch and during breaks.

Training Class Sponsored by the following companies:

