



## Hands on Kepware Training

**In-house Training** - Portland, Maine  
**2 day course**

**Fee:** \$985 per person: All travel and lodging expenses will be cover by trainee. Morning snacks and refreshments and lunches are covered by Kepware.

### Training Agenda:

#### Day 1: 9:00 AM to 4:00 PM

1. Introduction
  - a. Brief Overview & History of OPC
  - b. Overview of OPC (DA) Data Access (Describe OPC DA Client/Server architecture, and describe OPC DA functions)
    - i. Server/item Browsing
    - ii. OPC Group Management
    - iii. OPC Item Management (Read/Write Functions)
2. Intro to Kepware Products
  - a. KEPServerEX
  - b. LinkMaster
    - i. Install and Configure
    - ii. Create a Project
    - iii. OPC Settings
    - iv. OPC Settings and Highlights
    - v. Question and Answer
  - c. RedundancyMaster
    - i. Install and Configure
    - ii. Create a Project
    - iii. Monitor Items
    - iv. Notifications
    - v. Question and Answer
  - d. DataLogger
    - i. Install and Configure
    - ii. Create Project
    - iii. Data Source Connection
    - iv. Monitor Items
    - v. Notifications
    - vi. Triggers
    - vii. Question and Answer
  - e. Installation & configuration of KEPServerEX Projects
    - i. Server & Plug-in Driver Architecture
    - ii. Create a Project Channel, Device, Tag properties and Defaults
    - iii. Application Connectivity
    - iv. OPC Settings
    - v. Operational Settings & Optimization Highlights
    - vi. Question and Answer



**Day 2: 9:00 AM to 4:00 PM**

3. Trouble Shooting DCOM and OPC issues
  - a. Local Connections
  - b. Remote Connections
  - c. Running as a Service
  - d. OPC diagnostics
  - e. Error Handling
4. Trouble Shooting Communications issues
  - a. Serial
  - b. Ethernet
  - c. Buses
  - d. Channel diagnostics
  - e. Error Handling
5. Server Hands on working with Specific drivers
  - a. Other Kepware OPC Products
  - b. Question and Answer