



Training Details

Kepware Product Training is a three-day course that explores PTC's solutions for Industrial Automation and the Internet of Things (IoT). Kepware instructors provide a detailed look at the KEPServerEX® connectivity platform, paying particular attention to its architecture and how to connect to other software applications and devices.

Each class has a core agenda that spans five to six hours a day. It includes live product demonstrations, guided training exercises, and an overview of OPC concepts. Extra time for Q&A, morning and afternoon breaks, and a one-hour lunch are included to complete a full 7.5-hour day.

During the course, trainees learn how to:

- Optimize server communications
- Implement diagnostic tools for troubleshooting and debugging
- Use leading technology like REST for web connectivity and OPC UA for tunneling secure data

Based on interest, trainees also have the option to learn how to:

- Perform calculations and logic using Advanced Tags
- Use linking and redundancy options for high-availability environments
- Insert record sets and query databases using the DataLogger advanced plug-in and ODBC Client driver

Please see the agenda on page 3 for more details.

Take-Home Materials

Presentations, class lectures, live demonstrations, practical examples, and in-class training exercises and labs are provided.

Prerequisites

There are no prerequisites for this course.

Registration

To receive a quote for in-center training, please complete the registration form at <https://www.kepware.com/en-us/training-request/>. Early registration is encouraged as class size is limited

Contact

Please email training@kepware.com with any questions.



I really enjoyed this class, and would say that it is probably one of the best technical classes I've taken. Well put together with knowledgeable and friendly staff."

-Kepware 2017 Training Attendee

Kepware Product Training Course Agenda

Day	Module	Name	Length	Lab
One	1	Introduction to Kepware and Course Overview	1/2 hr	No
	2	Installing and Licensing KEPServerEX®	1/2 hr	Yes
	3	Device Connectivity (PLCs and more)	2 hrs	Yes
	4	Connecting with Other Drivers	1hr	Yes
	5	Simulating Devices	1 hr	Yes
	6	OPC	1 1/2 hrs	Yes
Two	7	OP UA and Tunneling	2 hrs	Yes
	8	Client Connectivity	1 hr	Yes
	9	KEPServerEX Essentials	1 1/2 hrs	Yes
	10	KEPServerEX Diagnostics	1 1/2 hrs	Yes
	11	Optimization Solutions	2	Yes
Three	12	Tag Calculations and Tag Linking	1	Yes
	13	Database Connections	1	No
	14	Redundancy	1/2 hr	Yes
	15	Industrial Internet of Things	1/2	No
	16	Web Connectivity	1 hr	Yes
	17	ThingWorx Connectivity	1/2 hr	Yes
	18	Connectivity Summary	1/2 hr	No
	19*	Telemetry and Low Bandwidth Networks (optional)	1 hr	Yes

Kepware is a software development business of PTC Inc. located in Portland, Maine. Kepware provides a portfolio of software solutions to help businesses connect diverse automation devices and software applications and enable the Industrial Internet of Things. From plant floor to wellsite to windfarm, Kepware serves a wide range of customers in a variety of vertical markets including Manufacturing, Oil & Gas, Building Automation, Power & Utilities, and more. Established in 1995 and now distributed in more than 100 countries, Kepware's software solutions help thousands of businesses improve operations and decision making.

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TR-DETAIL-02-2018