



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 Kepware server 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
- Create a tunnel using OPC UA to transmit secure data
- Connect with databases using ODBC Client Driver and DataLogger

- Identify the many layers of security available in the server
- Use advanced functionality to link tags, perform calculations, and more

Please see the agenda on page 3 for more details.

Prerequisites

There are no prerequisites for this course.

Registration

To receive a quote for in-center training, please check for location and availability at [PTC Training](#). Early registration is encouraged as class size is limited



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."

-Kewware 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.

© 2018, PTC Inc. (PTC). All rights reserved. Information described herein is furnished for informational use only, is subject to change without notice, and should not be taken as a guarantee, commitment, or offer by PTC. PTC, the PTC logo, and all PTC product names and logos are trademarks or registered trademarks of PTC and/or its subsidiaries in the United States and other countries. All other product or company names are property of their respective owners. The timing of any product release, including any features or functionality, is subject to change at PTC's discretion.

TR-DETAIL-02-2018