


**DURATION**  
 ½ day

**LEVEL**  
 Foundation

**FORMAT**  
 On-site classroom · virtual instructor-led

**LANGUAGE**  
 English

**MAX. PARTICIPANTS**  
 16

**½ day**  
 hands-on

**2**  
 modules: CeraControl and CeraTrace

**Admin**  
 module for IT owners

## Overview

A short, hands-on course covering both halves of ProcessVision: CeraTrace for historian trending, early-warning limits and event annotation, and CeraControl for APC analytics, model discovery and step-test planning. Participants build a monitoring view for their own unit, set early-warning limits on key variables, review controller utilisation and plan a step test. Administrators cover historian and APC connections, user roles and displays.

## Learning outcomes

- Connect historians and build trend displays and monitoring views
- Set early-warning limits and soft-sensor calculations on key variables
- Annotate events and share views across the shift team
- Review APC controller utilisation, constraint activity and model quality
- Run model discovery and plan a step test in CeraControl
- Administer users, connections, displays and alert routing

## Who should attend

Process and control engineers, APC engineers, console supervisors and administrators who will use or manage ProcessVision

## Course outline

### SESSION 1

Installation and editions · historian connections and tag browsing · CeraTrace trending, calculations and early-warning limits · event annotation and sharing · alert routing

### SESSION 2

CeraControl: controller KPIs and utilisation · model discovery and quality assessment · step-test planning · reports and exports · administration · Q&A on participants' own unit

## Standards referenced

ISA-18.2   ISA-101   ISA-95 / IEC 62264   OPC UA (IEC 62541)

## Tools & exercises

ProcessVision (web or client/server edition) connected to the participants' historian where available

## What's included

- ✓ Course manual and slide pack
- ✓ Software access for the course
- ✓ Post-course Q&A with the instructor
- ✓ Exercise and case-study pack
- ✓ Competency quiz and certificate
- ✓ Templates used in the exercises

### PREREQUISITES

Basic process control knowledge; TR-E05 recommended

### CERTIFICATION

Certificate of completion

### INSTRUCTORS

Practising engineers — TÜV HAZOP Leader, CCPSC and IEC 61511 Functional Safety certified — with 200+ years of cumulative plant experience.

**Book this course or build a custom curriculum**

On-site at your plant or virtual · in-house groups · competency assessment included

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