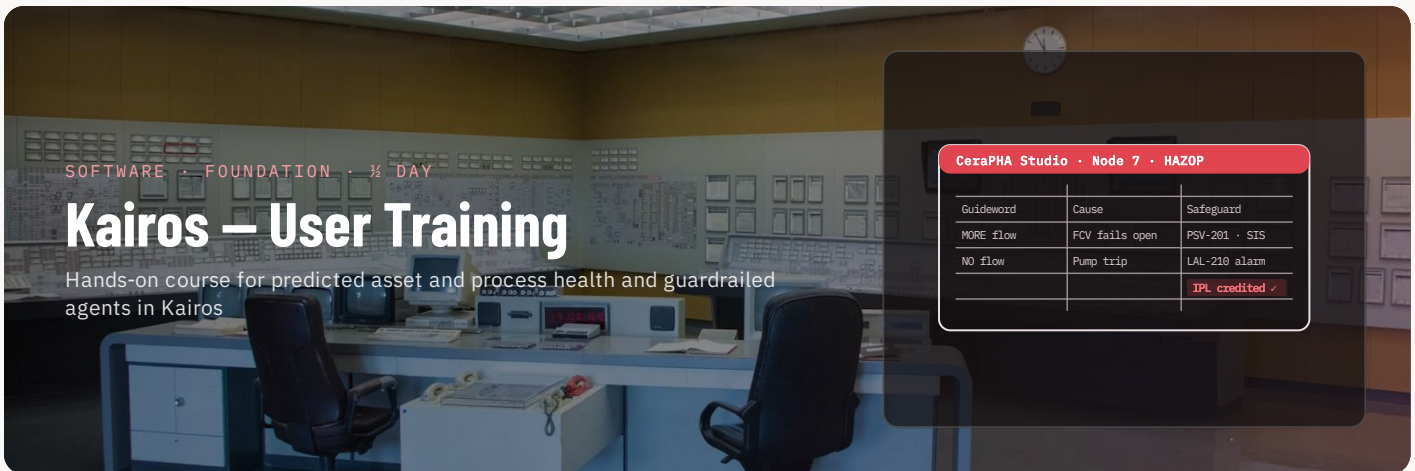



DURATION
 ½ day

LEVEL
 Foundation

FORMAT
 On-site classroom · virtual instructor-led

LANGUAGE
 English

MAX. PARTICIPANTS
 16

½ day
 hands-on

1
 asset-health model deployed

Admin
 module for IT and OT owners

Overview

A short, hands-on course that takes a team from installation to a working health model: connecting data sources over OPC UA and historian interfaces, defining assets and process units, training and deploying a predicted-health model, reading explained alerts and configuring a guardrailed agent with approval steps. Administrators cover the IEC 62443 security zones, user roles, model governance and audit logs.

Learning outcomes

- Connect OPC UA, historian and CMMS data sources and define the asset model
- Train, validate and deploy an asset or process health model
- Read explained alerts and trace them back to contributing variables
- Configure a guardrailed agent with permitted actions and human approval
- Review model performance and manage retraining and versioning
- Administer security zones, users, model governance and audit logs

Who should attend

Reliability, process and control engineers, data analysts, OT/IT administrators who will use or manage Kairos

Course outline

SESSION 1

Installation and editions · data connections and asset model · health-model training and validation · explained alerts and root-variable view · alert routing to CeraShift and CMMS

SESSION 2

Guardrailed agents: scope, actions and approvals · model monitoring and retraining · reports and exports · administration and IEC 62443 zones · Q&A on participants' own assets

Standards referenced

ISO 13374 ISO 17359 IEC 62443 OPC UA (IEC 62541)

Tools & exercises

Kairos (web or client/server edition) connected to a sandbox or the participants' data sources

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 reliability or process-data knowledge; TR-E06 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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