

**Objectives**

After taking this course, participants will have gained an understanding of hardware, daily maintenance procedures and measures to be taken when the system alarm messages are generated.

Who should attend?

Centum CS3000 engineers who need to perform maintenance on the Centum CS3000 system.

Prerequisite knowledge Programme

Participants should have a basic knowledge of electronic functions.

Day 1:

- § System architecture overview
- § Hardware and daily inspection of HIS and FCU
- § HIS hardware
- § Ethernet communications
- § Control net communications (V-net)
- § Project backups
- § CS3000 installation
- § Downloads

Day 2:

- § FCS structure & hardware
- § Daily maintenance
- § Replacing FCS hardware procedures
- § System connectivity

Day 3:

- § System alarm messages and relevant measures
- § Fault finding and diagnostics
- § Test

Duration

3 days