

**Objectives**

After taking this course, participants will have an understanding of what Modbus is, its standards, related hardware and connectivity options/solutions. The course will teach participants CENTUM CS3000 / CENTUM VP Modbus software configuration and how to setup a Modbus simulator to facilitate testing.

**Who should attend?**

Project Engineers and Hardware/Service Maintenance Engineers involved in Modbus software generation and modifications of the CENTUM CS3000 / CENTUM VP system or third party package integration.

**Prerequisite knowledge**

Participants should have previously attended the CS3000 Engineering course or should be familiar with CS3000.

**Programme****Day 1:**

- § Introduction to Modbus
- § Installation of PCMIA Modbus Simulator card and set-up
- § ALR121 Module configuration and connection
- § CS3000 WW and WB builders configurations
- § CS3000 functions blocks for Modbus IO
- § Testing and fault finding using MODSIM PCMIA Modbus Simulator

**Duration**

1 days