

ADVANCED SCADA & AUTOMATION SYSTEM – PRINCIPLES & APPLICATION

OVERVIEW

The program will cover the principles SCADA and Automation Systems, the different components of SCADA and the infra-structure necessary to deploy SCADA. It will explain the technologies behind SCADA and will introduce some real-life examples of SCADA applications, and will discuss the challenges faced by local companies in deploying SCADA and Automation Systems.

TARGET MARKET

This is a highly technical course and assumes that participants are familiar with the basic of SCADA and Automation Technology. Participants should have preferably taken the Basic SCADA and Industrial Applications course or equivalent.

COURSE OUTLINE

- Review of basics of SCADA
- Advanced SCADA architecture
- SCADA specifications and SCADA standards Examples of SCADA applications
- Data acquisition and types of data, accuracy, errors in measurements
- SCADA centre equipment
- Design a SCADA system including sizing, scoping and costing of SCADA

OBJECTIVES

- How SCADA systems operate
- Read and understand SCADA specifications
- How to manage and maintain SCADA systems
- How to scope and cost SCADA systems

SBL CLAIMABLE



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