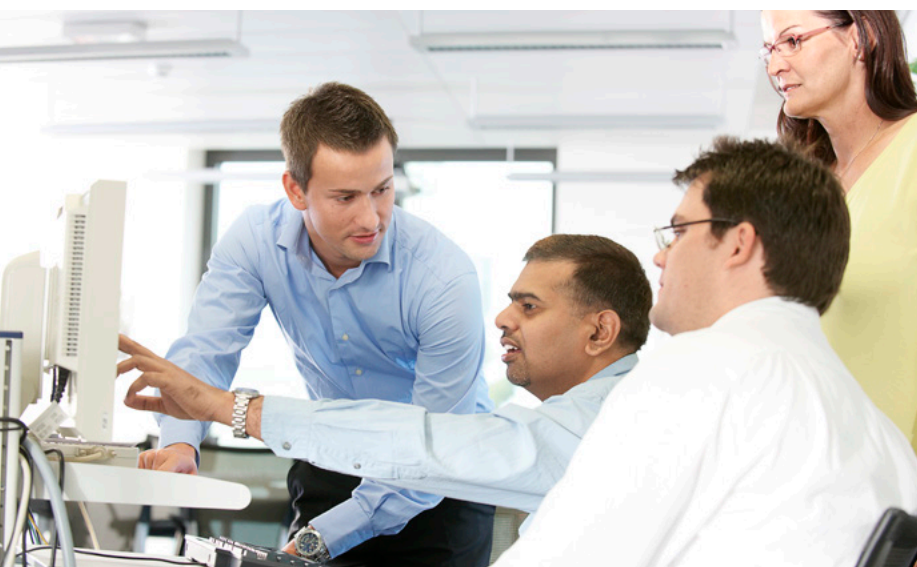


B425

Configuring the MOD 300 Database Using Windows



Learn to configure and maintain the control database of an Advant OCS with MOD 300 software, running within Microsoft Windows.

Course type and methods

This is an instructor led workshop with short presentations and demonstrations, extended exercises, and hands-on sessions and discussion.

Student Profile

This course is targeted to the control or system engineer responsible for configuring the control database of an Advant OCS with MOD 300 Software.

Prerequisites

Students should be familiar with process theory.

Course objectives

In this course, students will learn basic control database configuration of an Advant OCS with MOD 300 Software. Continuous and discrete Configurable Control Functions (CCF), database creation, editing, and maintenance are covered. Hands-on lab exercises, using the Windows platform, reinforce the theories taught in class. This course is a precursor to course T324 where the student will learn how to import the MOD 300 database into 800xA.

Upon completion of this course the participants will be able to:

- Identify the major components of an Advant OCS with MOD 300 Software

- Configure a new MOD database, including subsystem nodes, TRIO, S800 and S100 I/O, continuous and discrete control and indicate loops
- Compile, install, and download a database and troubleshoot problems at each stage
- Verify proper runtime operation of the database using MOD Engineering Displays and 800xA MOD Connect workstations
- Edit portions of the database while minimizing disruption to the field process
- Maintain the database, including runtime updates, decompile, back-up and restore

Duration

The duration is 5 days.

Course Outline

Day 1	Day 2	Day 3	Day 4	Day 5
<ul style="list-style-type: none">• Course introduction• System overview• Basic operating procedures using Operate IT stations• Database configuration overview• Lab<ul style="list-style-type: none">- Basic Process Portal Navigator and operation	<ul style="list-style-type: none">• Configurable Control Functions (CCF) - continuous loops• Lab<ul style="list-style-type: none">- Project and database creation- Database familiarization	<ul style="list-style-type: none">• CCF device loops• CCF miscellaneous applications• Lab<ul style="list-style-type: none">- Database configuration	<ul style="list-style-type: none">• Process Portal import function• S100 I/O hardware and configuration• S800 I/O hardware and configuration• TRIO hardware and configuration (optional)• Lab<ul style="list-style-type: none">- Database import to process portal- Database editing- Runtime Checkout	<ul style="list-style-type: none">• Database maintenance• Runtime update• Decompile• Back-up and restore• Lab<ul style="list-style-type: none">- I/O configuration- Database back-up and restore

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