

## Course description

# NA910

# Microsoft Windows Technologies for Industrial<sup>IT</sup>

## Course goal

The goal of this course is to provide students with a basic understanding of Windows 2003 and Windows XP technologies to support Process Portal applications.

## Learning objectives

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

- Understand the different types of Windows environments Process Portal uses
- Install Windows 2003 and Windows XP in a Workgroup or Active Directory Domain
- Configure the Windows 2003 and Windows XP environments for Process Portal applications
- Work with the registry
- Create and manage users and groups
- Secure access to network resources and services
- Maintain a Windows server using key administration tools
- Troubleshoot applications and server services
- Understand the differences between Windows 2003 and Windows XP
- Administrate Core Networking Services (DHCP, DNS, WINS)
- Install, configure, and administrate MS SQL 2000 Server
- Configure and manage MS SQL 2000 replication
- Perform troubleshooting and use the proper Recovery Options provided in Windows to re-establish functionality

## Participant profile

Anyone who has to administrate, configure, and or implement Process Portal applications in a Windows environment.



## Prerequisites

Basic working knowledge of computer systems and networks. Knowledge of the Internet and general knowledge of database structures is helpful but not required.

## Course type and methods

This customized course was designed to contain only the specific Windows technologies used in Process Portal installation, therefore students spend less time in the classroom by learning only the parts of the operating system they need to support their environment. This course will prepare the students for our ABB Process Portal version A and B application system which runs on the Windows 2003 and Windows XP platform.

## Duration

The duration is 5 days.

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### Course outline

Day 1	Day 2	Day 3	Day 4	Day 5
<ul style="list-style-type: none"><li>■ Introductions and Course Objectives</li><li>■ Intro to the Windows Server 2003 Family</li><li>■ Configuring Hardware</li><li>■ Configuring the Desktop Environment</li></ul>	<ul style="list-style-type: none"><li>■ Review</li><li>■ Managing User and Computer Accounts</li><li>■ Managing Groups</li></ul>	<ul style="list-style-type: none"><li>■ Review</li><li>■ Managing Access to Resources</li><li>■ Configuring TCP/IP Addressing and Names Resolution</li></ul>	<ul style="list-style-type: none"><li>■ Monitoring Resources and Performance</li><li>■ Introduction to Troubleshooting Applications</li><li>■ Resolving Print Issues</li></ul>	<ul style="list-style-type: none"><li>■ Managing Disaster Recovery</li><li>■ Introduction to Administering SQL Server 2000</li><li>■ Introducing SQL Server Replication</li></ul>

**ABB legal company name**

**Business area**

P.O. Box 00 00 00

00000 Sample town, Country

Phone: +00 00 000 00 00

Fax: +00 00 000 00 00

E-Mail: [powertech@xy.abb.com](mailto:powertech@xy.abb.com)

[www.abb.com/abbuniversity](http://www.abb.com/abbuniversity)

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