

COURSE NO. US924R3V

# SPlus Operation History

On-line course



## About this course

This course utilizes the same courseware that was previously only available with an in-center classroom enrollment. It features a learning platform custom built by ABB University courseware developers, designed expressly to meet the needs of industrial automation users. A virtual machine with ABB controller simulation and system application software is provided for practice and completion of course labs. The in-center class requires a student to attend five days of training, plus travel time. By taking the on-line course, a student can remain on site, at home and save on travel costs.



### 24-7-365 Availability

Access courseware anytime, from anywhere, when it's most convenient for you.



### Lifetime Access

This course and all your personal notes will remain available to you for life.



### 2 Weeks Virtual Machine

Access to cloud based virtual machine loaded with ABB controller and system software.

## This course is for you if:

You are responsible for responsible for DCS installation, maintenance, process control implementation, documentation and anyone planning to attend the Human System Interface (HSI) courses.

## The main topics that will be covered in this course:

- SPlus Operation History architecture
- History Navigator
- Signal Explorer
- Event Management
- Trend Displays
- Graphic Displays
- Reports and Logs
- Thin Web Client
- Alarm Portal
- Troubleshooting

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## You'll walk away with

### 01

An understanding of the SPlus Historian architecture and operation.

### 02

The ability to configure graphic and trend displays, to customize reports, and event pages, and to assign historical tag collection properties using Splus signal manager tool

### 03

Experience with the History Navigator customization features, Signal Explorer options, Event Management operational features including the Thin WebClient and Alarm Portal applications for alarm analysis.

#### Prerequisites

Students should have attended S321 – S+ Operations – Basic Configuration course. They should also have a general understanding of process automation and basic knowledge of control systems.

#### Your success team

The learning platform includes a chat feature and user forum that allows you to send questions and comments to a learning facilitator and other students. Connect with fellow students to build a support network and collaborate with others.

#### Course Objectives

Upon completion of this course you will be able to:

- Explain the architecture of S+ Operations History
- Provide basic maintenance of the S+ Operations History system.
- Create and schedule Reports
- Create and manipulate Trend Displays
- Create Historian Graphic Displays
- Use Client tools to analyze Event Messages from the DCS system.
- Interact with embedded web server
- Navigator Operations
- Signal Explorer Operations
- System Diagnostics
- Tag Database Configuration

## The key to maximum knowledge acquisition is hands-on practice.

ABB University on-line courses feature a virtual machine, hosted on ABB cloud servers. This virtual machine is loaded with the appropriate ABB controller simulation and system application software necessary to complete the on-line course labs, running on top of the Microsoft Windows operating system. This virtual machine is a safe way to practice knowledge learned from the on-line course without disruption to a working production system.