

AUTOMATION ACADEMY

A u t o m a t i o n S y s t e m s T r a i n i n g S p e c i a l i s t s

Course Title: AB PanelView Plus HMI Training Course

This PanelView Plus training course has been designed to give Engineers an insight into the configuration and operation of the FactoryTalk software coupled with AB PanelView Plus HMI products. The course will guide students through the basic design and configuration of the HMI systems through to the operation and integration into the PLC control system.

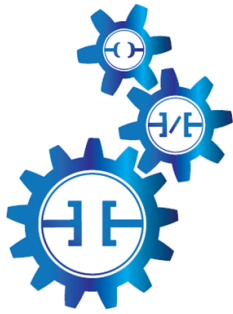
Where possible, application specific exercises, actual drawings and plant programs will be used to allow the students to gain the greatest possible benefit from the course.

Course Objectives:

- ☒ To introduce students to the concepts and operation of AB PanelView Plus HMI's and FactoryTalk programming software.
- ☒ To be able to understand the structure of the HMI project in the FactoryTalk programming software.
- ☒ To be able to use the FactoryTalk programming software to create and develop a basic project and to be able to modify existing PanelView Plus HMI projects.
- ☒ To be able to restore a project backup into the AB PanelView Plus HMI from a backup copy.

Course Content:

Understanding AB PanelView Plus HMI's and their properties.
First steps using FactoryTalk programming software.
Creating a PanelView Plus training project to demonstrate application examples.
Basic HMI drawing skills.
HMI tags and their creation.
Configuring the online connection to the HMI.
Creating PLC based tags.
Downloading the project to the HMI.
Obtaining runtime in FactoryTalk to simulate the HMI.
Developing plant mimics.
Configuration and screen development for project navigation.
Creating alarms and alarm displays.
Real time trending configuration and screen development.
Historical trending configuration and screen development.
Text list configuration and screen development.
HMI security and allowing access to specific pictures.



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Course Duration: 2 Days

Documentation: AB PanelView Plus Training Manual.

Equipment per student: AB PanelView Plus HMI

AB Logix controller

Programming laptop

Plant simulator

Web link: [AB PanelView Plus HMI Training Course](#)