

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 HMI Training Course

This PanelView training course has been designed to give Engineers an insight into the configuration and operation of the PanelBuilder32 software coupled with AB PanelView 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.

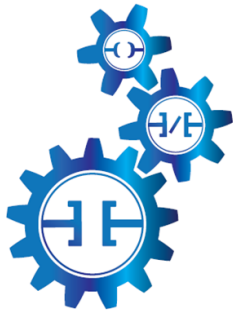
Where possible, application specific exercises, actual drawings and plant programs will be used to allow the students to gain the greatest possible benefit from the course.

Course Objectives:

- ☒ To introduce students to the concepts and operation of AB PanelView HMI's and PanelBuilder32 programming software.
- ☒ To be able to understand the structure of the HMI project in the PanelBuilder32 programming software.
- ☒ To be able to use the PanelBuilder32 programming software to create and develop a basic project and to be able to modify existing PanelView HMI projects.
- ☒ To be able to restore a project backup into the AB PanelView HMI from a backup copy.

Course Content:

Understanding AB PanelView HMI's and their properties.
First steps using PanelBuilder32 programming software.
Creating a PanelView 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.
Developing plant mimics.
Configuration and screen development for project navigation.
Creating alarms and alarm displays.
Real time trending configuration and screen development.
Text list configuration and screen development.



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Course Duration: 2 Days

Documentation: AB PanelView Training Manual.

Equipment per student: AB PanelView HMI

AB Logix controller

Programming laptop

Plant simulator

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