E171
System 800xA Operator Workplace Advanced Design and Graphics Configuration

Workshop goal

Operators need to be alert and informed at all times to avoid dangerous situations and to operate the plant efficiently. The participants learn how to design Operator Workplaces and how to configure advanced graphic display functionalities in System 800xA. After this workshop the participants are prepared to develop ergonomic Operator Workplaces with high performance, and using efficient engineering methodologies.

Learning objectives

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

– Identify critical issues to take into account when designing Operator Workplaces

– Configure multiple monitor workplaces and define the multiple windows handling

– Define user dependent settings by setting up user profiles

– Configure some specific Extended Operator Workplace (EOW) settings

– Create complex graphic expressions and configure property translations

– Modify standard faceplates and create complex faceplate elements

– Define user dependencies on faceplates, such as write access and hiding buttons

– Configure several methods of display navigation techniques

– Work with graphic display templates

– Optimize the display call up time

– Describe the main requirements for good alarm management and define a strategy

– Identify nuisance alarms and hide them

– Configure alarm expressions

– Recognize best practices from different industries

Participant profile

This Expert Workshop is targeted to application engineers and project lead engineers.

Prerequisites and recommendations

Participants should have attended the Engineering course T315 or have knowledge and experience associated with the content of this course.
The required knowledge can be verified with user assessment module T710e-01.

Workshop type and methods

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

Duration

The duration is 4½ days.

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