

## Course description

# T565

## Freelance

# Advanced Configuration Operator Station

### Course goal

The course obtains the proceeding of configuring different display types and functions when using the Human System Interface DigiVis. The configured functions are commissioned and tested.

### Learning objectives

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

- Adapt the message management and logging to different needs.
- Configure and commission an OPC based communication.
- Use dynamic graphic objects.
- Generate graphic macros and instantiate them.
- Develop user defined faceplates.

### Participant profile

Freelance users wanting to learn preoccupied the configuration methods of DigiVis.

### Prerequisites

The participant knows the features of the Control Builder F project tree as well as the structure of hard- and software modules. He is well trained in using DigiVis to operate the process as well as configuring and commissioning basic functions. The participation in the Freelance Advanced Configuration Controller course T564 is recommended.



### Topics

- Configuration of different display types in DigiVis
- Aspect menu configuration
- Message management, logs, reports
- Long time archiving to an external PC
- Trend server, OPC Server
- Free graphic display
- Dynamic graphic objects
- Macros
- User defined faceplates

### Course type and methods

This is an instructor led course with interactive classroom discussions and associated lab exercises. Approximately 50% of the course is hands-on lab activities.

### Duration

The duration is 3 days.

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### Course outline

Day 1	Day 2	Day 3
<ul style="list-style-type: none"><li>■ Course overview.</li><li>■ Presentation of the training process model.</li><li>■ Project expansion: Operator station, Gateway station.</li><li>■ Standardised displays: Configuration and commissioning.</li><li>■ Message management.</li><li>■ Logging.</li><li>■ Reports.</li><li>■ Aspect Navigation: Configuration and commissioning.</li></ul>	<ul style="list-style-type: none"><li>■ Archiving.</li><li>■ Software application – DigiBrowse.</li><li>■ Trendserver.</li><li>■ Configure dynamic graphic objects.</li><li>■ Generate graphic macro objects.</li><li>■ Free graphic display (Waterworks model): Configuration and commissioning.</li></ul>	<ul style="list-style-type: none"><li>■ Configuration User defined Faceplate.</li><li>■ Data communication via OPC.</li></ul>

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