

# **Automating the World**

#### Mitsubishi Electric Europe B.V. - Benelux Branch

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FACTORY AUTOMATION | BENELUX BRANCH

**Technical Training** Training MELFA Industrial Robots - Advanced (Loading and Unloading)

Duration

**Devices and Software** MELFA articulated arm (RV-type) and SCARA robots (RH-type)

Teaching Box R56TB

Additional axis control with MR-J4 motors MELFA SafePlus - Safety control for robots

Software RT ToolBox3

## **Prerequisite**

Participation in the training MELFA Robot - Basic Bring your own laptop to the training

#### **Course Objective**

You will learn how to integrate the MELFA options and functions especially for loading and unloading machines. The communication with PLC platforms or external devices will be covered including the use of additional servo axes. You will learn to integrate the robot safety functions.

Certificate of completion MELFA Robot Expert (Loading and Unloading)

### Contents

- MELFA SafePlus safety control for robots
- Additional axis control with servo axes
- Interfaces to higher-level controllers via fieldbus interfaces
- Use of the already integrated functions for loading and unloading of machines

## Target group

Technical personnel, commissioning engineers, plant programmers, design engineers

Article number **ADVANCED: 306620** 

Costs 450,- per person per day

You will use your own development environment during the training. Bring your own laptop with the latest RT ToolBox3 version installed.

## **General conditions**

Up to 10 days before the start of the respective training, Mitsubishi Electric reserves the right to cancel the training. Cancellations by participants are free of charge up to 14 days before the start of the training. In the event of later cancellations, we take the liberty of charging you a flat-rate fee of 50 euros. In case of cancellation up to three days before the event date or in case of no-show, we will charge you half the event fee.

Benelux office is a part of the Central Europe Industrial Automation Division which is located in Ratingen, Germany:

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