

**bachmann.**



# **TRAINING 2019**

Modularly structured training concept

# BACHMANN AUTOMATION

## Basic Training

This training provides you with a quick and comprehensive introduction to the world of Bachmann Automation. The focus here is the Solution-Center as all-in-one engineering tool and as a convenient environment for commissioning, configuring projects and diagnosing issues for all Bachmann automation devices. The training also includes an introduction to programming and visualization.

### Target Group

- Commissioning engineers
- Application programmers
- Project managers

### Prerequisites

- Basic knowledge in automation
- Basic knowledge in IEC 61131-3 programming is helpful

### Contents

- Controller hardware
- Commissioning/troubleshooting/diagnostics
- Controller software
- PLC programming with M-PLC

**Length:** 3 days (Starting time: 8 am)

**Max. number of participants:** 8

**Min. number of participants:** 4

(only applicable for in house training)

**Order number:** 00016065-01

**Date:** March 26<sup>th</sup> - 28<sup>th</sup>, 2019

September 17<sup>th</sup> - 19<sup>th</sup>, 2019

Dates and times are flexible depending on demand. Onsite training and customized topics also are available upon request.





# SERVICE TECHNICIANS

## Basic Training

Service technicians are confronted with complex tasks during commissioning and servicing automated systems in the field. In this seminar, the content of the "Bachmann Automation" service technician training is presented, with a view focused on diagnosis and troubleshooting of the Bachmann controller related to wind turbine applications. Solution-Center is the perfect tool for these tasks, therefore the training will be focused on its application for configuration and problem solving.

### Target Group

- Service technicians

### Prerequisite

- Basic knowledge in automation

### Contents

- Controller hardware
- Commissioning/diagnosis/troubleshooting/maintenance
- Controller software
- Optional: Fieldbus diagnosis  
PLC programming

**Length:** 3 days (Starting time: 8 am)

**Max. number of participants: 8**

**Min. number of participants: 4**

(only applicable for in house training)

**Order number:** 00016065-02

**Date:** May 7<sup>th</sup> - 9<sup>th</sup>, 2019

October 17<sup>th</sup> - 19<sup>th</sup>, 2019

Dates and times are flexible depending on demand. Onsite training and customized topics also are available upon request.

