

# Advanced Training Classes with Hands on Experience

## Analyze ToF Level Applications

### The Application Training Center

Your competent partner for application training in Process Automation.

The mission of the ATC is to provide:

- Training with extensive hands-on experience
- Training under real process conditions
- Learning in small groups
- A didactical proven concept

Our training guarantees a sustainable training success.

### Location

The Application Training Center is Located in Reinach, Switzerland.

Experience a 'hands-on experience' with training courses from the Application Training Center.



Hands-on lessons under real process conditions guarantee the best learning result

Analyze Time of Flight based level applications by analyzing the measuring signal.

**Course content** When dealing with "Time of Flight" based processes for level measurement, the envelope curve is „the" main source of information in analyzing difficult applications. Get introduced to Time of Flight level measurement in principle and device parameters. Envelope curve basics show mapping and related points, building the necessary knowledge for intensive hands-on sessions. Understand how to read, judge and analyze problems related to different applications.

**Key benefits** Understand: radar, ultrasonic & guided radar software in regards to device parameters, envelope curve, mapping and related information.

Learn to configure "ToF" level measuring devices via display and FieldCare, perform mapping, read, interpret and understand application and related measuring problems through analyzing the envelope curve.

### Focus topics

- Recall and deepen the know-how for the Time of Flight level measurement principle
- Introduction to device parameters and configuration
- Explanation of the measuring signal in detail
- Mapping and related points
- Read and understand the measuring signal in different applications



Experience real process conditions with our training rigs

**Target group** Anyone who is interested in level measurement technologies as well as maintenance and project engineers for level applications.

**Working methods** A combination of presentations and workshops, hands-on in small groups (max. 4).

**Language** English

**Preconditions** Successful participation in the course:  
Level Instrumentation  
Fundamentals & Configuration

**Time**  
1. Day from 09:00am to 05:00pm  
2. Day from 09:00am to 05:00pm

**Location**  
Endress+Hauser Consult AG Sales  
Support  
Application Training Center  
Kaegenstrasse 18  
CH-4153 Reinach

**Participation fee** 1,600.- CHF  
(including lunch and refreshments during coffee break)

**Registration** Online on [www.endress.com/atc](http://www.endress.com/atc) or through email: [atc@consult.endress.com](mailto:atc@consult.endress.com)

Training topics may be subject to change in case of technical reasons

#### Application Training Center

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