

TiM Detection and Ranging Solution Configuration Training

SICK LifeTime Services Training Course



Description

This training module covers how the TiM functions, how to select, install, configure, and maintain a TiM. Participants experience a using SICK SOPAS software. Participants learn how to properly service and replace products. The instructor will share presentations and product demonstrations using either an online meeting tool, or when delivered at customer site or at the SICK North American Training Center, a hands on learning experience. Exercise tasks will be used to monitor participant's competency as the training progresses.

Objectives

- Mounting and hardware
 - Components
 - Mounting brackets
- TiM wiring and interface connections
- Ethernet communications
- Configure using SOPAS and test various feature-options:
 - Field sets
 - Evaluation cases
 - Blanking
 - Blanking
 - Digital inputs
 - Digital outputs
 - Data outputs
 - Field evaluation monitor
- Backup and load saved configurations
- Recognize and correct product alerts for poor alignment and contamination

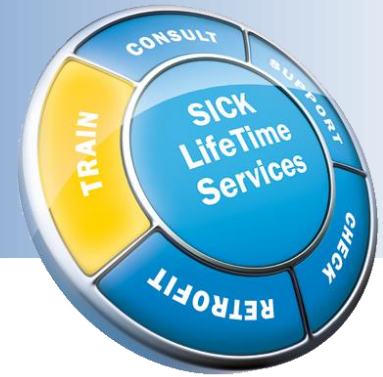
Course Benefits

- Participants will learn about mounting hardware and techniques and tools to minimize replacement time
- Participants will learn how to analyze TiM systems to resolve issues in a minimum of time
- Participants will learn how and when to properly clean a TiM to minimize unexpected machine outages
- Participants will be able to quickly extract and save configurations from existing systems
- Participants will be able to quickly load a saved configuration to a replacement unit to minimize downtime



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Target Audience

Technical Staff, Maintenance managers, Integrators and Plant engineers

Prerequisites

- Basic computer skills

Recommended Additional Course

- None

Duration

4 Hours

Class Size

Maximum of 8

Where Offered

- Customer site
- SICK North American Training Center
- Online meeting

Format

Presentation, demonstration, and exercises/quizzes

Testing Available

Yes

Customer Required Materials

For training at customer site, at a minimum, for every two participants:

- PC with SICK SOPAS software installed prior to attending
- Minimum of two (2) 110 VAC outlets

For virtual training:

- PC with SICK SOPAS software installed prior to attending
- Online meeting tool installed (if necessary) prior to attending

Logistics

The following must be made available for the duration of the training:

- A suitable training room/area
- For in-person training at customer site or at the SICK North American Training Center, SICK provides hardware workstations for the hands-on experience

Failure to have the customer required material and/or logistics available may lead to ineffective training and may result in the class not being able to achieve the described objectives and course benefits.

Part Number

1065450

Travel expenses additional. Please contact SICK for information.

SICK Training & Education

From product training, start-up assistance, and engineering and consulting services – SICK provides the necessary support before and after field installation through an established network of field personnel. Training, service and support programs from SICK help you reach your goals with our innovative, cost-effective solutions.

SICK offers several types of training programs to help you learn more about our innovative products and systems. Many of our training modules offer hands-on, real-world application examples and problem-solving experiences. Please visit our website at <http://www.sickusa.com> for more information.