

# MindConnect LIB Training Product Sheet



This one-day training provides detailed insights into MindConnect LIB, a tool that enables you to build your own custom agent for the MindSphere ecosystem using the American National Standards Institute (ANSI) C programming language. You will learn how to compile MindConnect LIB on a specific operating system and use the library to exchange data with MindSphere. The MindSphere security concept and the onboarding process of a new agent are covered in detail. In hands-on trainings you will implement your own custom agent that interacts with MindSphere.

## Training Specifics

Content	<ul style="list-style-type: none"> <li>• MindConnect LIB: development of agents for MindSphere</li> <li>• CMake software and libraries</li> <li>• Onboarding and communication</li> <li>• Data exchange</li> <li>• MindSphere security concept</li> </ul>
Duration	One day
Prerequisites	<ul style="list-style-type: none"> <li>• Basic knowledge and skills in C programming</li> <li>• Laptop with USB port with ability to connect to the internet via Wifi or cable</li> </ul>
Training methods	<ul style="list-style-type: none"> <li>• Interactive lectures</li> <li>• Hands-on training</li> </ul>

## Definitions

Public Training	Open classroom training that is booked per person with content predefined by Siemens, offered at a location designated by Siemens.
Onsite Training	Training that is booked per training with content predefined by Siemens,

	delivered at a specific customer's site.
General	Capitalized terms used herein shall have the definition ascribed to them in this Product Sheet or in the MindSphere Agreement.

## Public Training

Location	Location provided by Siemens.
Included in price	Training is priced per person and includes training, training material, and lunch for non-Siemens (external) participants. Participants are responsible for their own travel arrangements and travel expenses.
Availability	The schedule for upcoming trainings is provided online. Trainings are available on a first-come, first-served basis.
Booking and confirmation	Once a training is booked, availability is checked and a confirmation email with detailed information will be sent.

## Onsite Training

Location	Location provided by customer and subject to agreement by Siemens in Siemens' sole discretion. Location, including specific address, must be agreed to by the parties at least two weeks prior to training start date.
Number of participants	Maximum of ten participants.
Included in price	Training is priced as a package and includes training and training material. Participants are responsible for their own travel arrangements and travel expenses.
To be provided by customer	<ul style="list-style-type: none"> <li>• Organization of training room and catering</li> <li>• Shipping and usage of training racks</li> </ul>
Availability	Training availability is based on demand and is subject to availability of trainer(s).
Booking and confirmation	Training dates confirmed after order intake.

## Support

Online support	For questions and support regarding classroom, public, and online training programs, please contact: <a href="mailto:training@mindsphere.io">training@mindsphere.io</a> .
----------------	---