

# MindConnect Edge Analytics Training for MindSphere Product Sheet



Edge analytics enables users to collect, preprocess and analyze high-frequency data at the source where it is generated. During this training, you will acquire knowledge about MindConnect Edge Analytics.

You will be able to configure the MindConnect Edge Analytics Engine. It enables MindConnect Nano, a connectivity element for MindSphere, to preprocess the data for MindConnect Edge Analytics. With this knowledge, you will be able to combine edge computing functionality with the ecosystem of MindSphere. During the hands-on exercises, you will configure data sources, simple algorithms and configure the archiving of data in MindSphere.

Training Specifics	
Content	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Architecture               <ul style="list-style-type: none"> <li>– Engine &amp; Engineer</li> </ul> </li> <li>• Installation &amp; configuration</li> <li>• Data Acquisition               <ul style="list-style-type: none"> <li>– SM1281</li> <li>– MindConnect Databus</li> </ul> </li> <li>• Data Analytics               <ul style="list-style-type: none"> <li>– SM1281</li> <li>– MindConnect Databus</li> </ul> </li> </ul>
Prerequisites	<ul style="list-style-type: none"> <li>• Basic programming skills</li> <li>• Completion of IoT Essentials Training for MindSphere</li> <li>• Laptop with connection to stable internet (minimum 10MBs upload/10MBs/download)</li> <li>• Web browser (Chrome recommended)</li> <li>• Headset with microphone (recommended for Virtual Instructor-led Training)</li> </ul>
Training methods	<ul style="list-style-type: none"> <li>• Interactive lectures</li> <li>• Hands-on exercises</li> </ul>
Covid-19 provision	Siemens is working hard to meet delivery and performance dates, temporary delays in delivery and service performance cannot be ruled out as a result of the global outbreak of the novel coronavirus (2019-nCoV/SARS-CoV-2). Siemens retains the right to partial delivery/performance of services and shall be entitled

	to reasonable adjustments of delivery dates and schedules. Siemens shall also be entitled to an equitable adjustment for additional costs (if any) to complete delivery/performance.
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<b>Instructor-led Training</b>	
Location	Location provided by Siemens.
Number of participants	Maximum of ten participants.
Duration	1x 8-hour session.
Included in price	Training is priced per person and includes training, training material, and lunch for non-Siemens (external) participants.
Out of scope	Participant's travel expenses and travel arrangements.
Availability	The schedule for upcoming trainings is provided online. Trainings are available on a first-come, first-served basis.
Booking confirmation	Once a training is booked and availability is checked, a confirmation email with detailed information will be sent.

<b>Virtual Instructor-led Training</b>	
Location	Virtual Instructor-led Training delivered via web browser.
Number of participants	Maximum of ten participants.
Duration	1x 6-hour session.
Included in price	Training is priced per person and includes training and training material.
Availability	The schedule for upcoming trainings is provided online. Trainings are available on a first-come, first-serve basis.
Booking confirmation	Once a training is booked and availability is checked, a confirmation email with detailed information will be sent.

<b>Packaged Virtual Instructor-led Training</b>	
Location	Virtual Instructor-led Training delivered via web browser.
Number of participants	Maximum of ten participants.
Duration	1x 6-hour session.
Included in price	Training is priced as a package for up to 10 participants and includes training and training material.
Availability	Training availability is based on demand and is subject to availability of trainer(s).
Booking confirmation	Training dates are confirmed by Siemens after order intake.

## Onsite Training

Location	Location subject to agreement by Siemens at Siemens' sole discretion. Location, including specific address, must be agreed at least two weeks prior to training start date.
Number of participants	Maximum of ten participants.
Duration	1x 8-hour session.
Included in price	Training is priced as a package for up to 10 participants and includes training and training material.
Out of scope	Training delivered at a specific customer's site doesn't include: <ul style="list-style-type: none"><li>• Travel time and expenses for trainer(s)</li><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 confirmation	Training dates are confirmed by Siemens after order intake.

## Support

Online support	For questions and support regarding training programs, please contact your regional training team: <a href="https://training.plm.automation.siemens.com/courses/contacts.cfm">https://training.plm.automation.siemens.com/courses/contacts.cfm</a> .
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