

IoT Essentials Training for MindSphere

Product Sheet



During this training you will understand the overall concept of MindSphere and its architecture. You will gain detailed insights in the cornerstones of the architecture of MindSphere, its portfolio and core elements. Key components like assets, aspects and datapoints will be explained to make you familiar with the concept of the IoT data model. You will understand how to set up your own IoT data model. On completion of this training all those fundamentals will also be visualized by introducing you to a practical use case of a brewery creating digital twins of their machines and components in order to enable you to create your assets by making full use of IoT.

Training Specifics	
Content	<ul style="list-style-type: none"> • MindSphere architecture <ul style="list-style-type: none"> – Infrastructure and connectivity overview – MindSphere plans and sizes • MindSphere IoT data model <ul style="list-style-type: none"> – Assets, types, and aspects – Overall hierarchy – Data points, data types and variables • MindSphere core components <ul style="list-style-type: none"> – Creation of assets and data mapping – Visualization of data
Prerequisites	<ul style="list-style-type: none"> • Laptop with stable connection to the internet (minimum of 10MBs upload/10MBs download) • Web browser (Chrome recommended) • Headset including microphone for Virtual-Instructor-led Training (recommended)
Training methods	<ul style="list-style-type: none"> • Interactive lectures • Hands-on exercises
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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Instructor-led Training	
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-serve basis.
Booking confirmation	Once a training is booked and availability is checked, a confirmation email with detailed information will be sent.

Virtual Instructor-led Training	
Location	Virtual Instructor-led Training delivered via web browser.
Number of participants	Maximum of ten participants.
Duration	1x 4-hour session.
Included in price	Training is priced per person and includes training and training material..
Availability	The schedule for upcoming public 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.

Packaged Virtual Instructor-led Training	
Location	Virtual Instructor-led Training delivered via web browser.
Number of participants	Maximum of ten participants.
Duration	1x 4-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">• Travel time and expenses for trainer(s)• Organization of training room and catering• Shipping and usage of training racks
Availability	Training availability is based on demand and is subject to availability of trainer(s).
Booking confirmation	Training dates confirmed by Siemens after order intake.

Support

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