

SIMATIC IT Technical Training
Supporting Partners expertise with SIMATIC IT

simatic IT

TECHNICAL TRAINING



SIEMENS



Training Courses are delivered to provide deep knowledge of SIMATIC IT Products. To successfully achieve this goal, trainings consist of lessons in both theory and practice.

Training Courses are given by engineers, fully coordinated and linked with Research and Development, System Tests, Product Consulting and Strategic Engineering, in order to be fully aligned on developments and innovations of SIMATIC IT.

Training Courses are provided for all SIMATIC IT products (table 1)*.

- Production Suite Advanced Course (for improving partners independency)
- Production Suite basic course (for affordable, yet wide SIMATIC IT knowledge)
- Historian basic course
- Performance Management & KPI Analysis (for improving performance analysis penetration)
- Report Manager (to fully leverage a common reporting tool)
- OEE-DTM (dedicated to product option for plant efficiency calculation)
- UNILAB
- INTERSPEC
- “What’s new” sessions for SIMATIC IT new versions (for loyal partners who already attended to SIMATIC IT trainings)

Product Training	Duration	Scheduling
Production Suite Basic	9 days	2 to 4 sessions per month
Production Suite Advanced	4 days	1 to 2 sessions every 2 months
Historian Basic	3,5 days	1 to 2 sessions per month
Unilab Basic	4 days	1 session every 2 months
Unilab Advanced	4 days	1 to 2 sessions every 4 months
Unilab Developer	4 days	1 to 2 sessions every 4 months
Interspec	4 days	1 session every 2 months
Report Manager	4 days	1 to 2 sessions every 2 months
OEE-DTM	2 days	1 to 2 sessions per months
Performance management & KPI analysis	4 days	1 to 2 sessions every 2 months
What’s new Production Suite 6.1	2 days	On demand

* table 1

Courses are held the whole year through, according to a program that is published on the internet <http://www.siemens.com/simatic-it/training>

You can register to any session mentioned in the training calendar by simply sending an e-mail to the following address: training.simatic-it@siemens.com. You’ll get an immediate registration confirmation.

Technical Training course are held in AS MES Training Facilities in Genoa (I). On demand, sessions can be held out of the standard calendar and in other sites according to logistic constraints.

Training Courses Selection

SIMATIC IT Production Suite Basic

Duration: 9 days

Content:

Basic knowledge to use SIMATIC IT Production Suite, including SIMATIC IT Production Modeler and Components.

Attendees’ prerequisites:

- Knowledge of MS Operating Systems
- Object Oriented Programming fundamentals
- Knowledge of .net technology

SIMATIC IT Historian Basic

Duration: 3,5 days

Content:

Knowledge of SIMATIC IT Historian fundamentals with special attention to process supervision and applications development.

Attendees’ prerequisites:

- Knowledge of MS Operating Systems
- Knowledge of plant supervision fundamentals

SIMATIC IT Unilab Basic

Duration: 4 days

Content:

Detailed look into SIMATIC IT Unilab functionalities and guidelines for the implementation of LIMS projects.

Attendees’ prerequisites:

- Knowledge of MS Operating Systems
- Knowledge of Laboratory Information basics

SIMATIC IT Unilab Advanced

Duration: 4 days

Content:

Focus on Unilab in-depth configuration towards the specific needs of laboratories with particular reference to topics such as: version management for configuration objects, managing users and user groups, managing your laboratory equipment and managing the web application.

Attendees' prerequisites:

- SIMATIC IT Unilab Basic Training
- SIMATIC IT Unilab working experience

SIMATIC IT Unilab Developer

Duration: 4 days

Content:

Detailed look into the structure of the SIMATIC IT Unilab with reference to database architecture and the way different events are handled on database side are discussed.

Attendees' prerequisites:

- SIMATIC IT Unilab Basic Training
- SIMATIC IT Unilab Advanced Training
- SIMATIC IT Unilab working experience
- Basic knowledge of Oracle relational databases (RDMS)
- Basic SQL and PL/SQL knowledge

SIMATIC IT Interspec

Duration: 4 days

Content:

Detailed look in specifications management, concepts on Access Control, Workflow Management, and Lifecycle Management.

Attendees' prerequisites:

- Knowledge of MS Windows NT/MS Windows 2000
- Object Oriented Programming fundamentals

What's new 6.1 – SIMATIC IT Production Suite

Duration: 2 days

Content:

SIMATIC IT Product Definition Manager, Further TIA Integration, Recovery mechanism, XML management, Smart Query builder tool, UTC Support, etc.

Attendees' prerequisites:

- Audience already skilled on the previous product version (5.1)

SIMATIC IT Production Suite Advanced

Duration: 4 days

Content:

Detailed knowledge of SIMATIC IT Production Suite and in particular of Administration & Configuration, Maintenance, Advanced Programming.

Attendees' prerequisites:

- SIMATIC IT Production Suite Basic Training Course

SIMATIC IT Performance Management and KPI Analysis

Duration: 4 days

Content:

OEE DTM concept (Time categories, reason trees, down-time data management), Custom data structures management, Advanced scripting functionalities, KPI management and integration with SIMATIC IT Production Suite.

Attendees' prerequisites:

- SIMATIC IT Historian

SIMATIC IT Report Manager

Duration: 4 days

Content:

Reporting functionalities, advanced reports formatting, Report Publishing, Broad cast Agent and Report Manager COM interface, Web Reporting, Installation hints and Administration tool, Universe customization.

Attendees' prerequisites:

- Knowledge of SIMATIC IT Products

All the SIMATIC IT Technical Training Courses are submitted to Quality Lifecycle Management, including requirement collection, new implementations and tests.



A Glance to the future

What SIMATIC IT Technical Training Center is preparing:

Crash Training: a complete new concept

A special training where users live each step of a real MES project, together with experts of SIMATIC IT installations. Duration will be 14 days (over three weeks).

- First training week: Analysis of User Requirements
- Second training week: Project Development
- Third training week: Project Commissioning

E-Learning: virtual sessions from your desk

"What's new" sessions available on protected web-site, to let you familiarize with new SIMATIC IT product versions:

- Slides and documentation for new versions features description
- Screen-cams for visual exercises development

Webinar: interactive sessions from the Internet

"What's new" sessions available as internet-conferences, to let you familiarize with new SIMATIC IT product versions:

- Full training sessions
- Virtual attendees will on-line interact with trainers

What they say:

Some End-Users and Partners feedbacks:

"I'd like to thank all of you for the efforts to organize and conduct a very professional training course, which was really tailored towards our staff needs."

"I would like to take this opportunity to transmit the satisfaction of the customer. They have followed a professional training and enjoyed the products. The success is complete."

"It was a very good training, with a very well prepared trainer. Thank you."

"Thank you again for the very good training we had."

"I find it one of the best trainings I had in the last few years. Very clear and interesting."

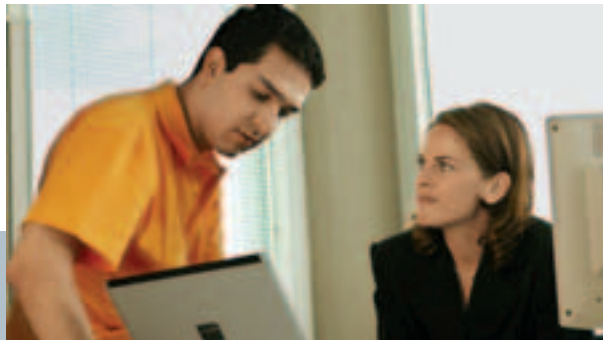
"The training course was very good and well presented."

"This was really a very good training course with a very experienced and competent trainer. The methods and also the knowledge of the trainer impressed me."

Siemens A&D AS MES Training Center:

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Siemens AG
Automation and Drives

www.siemens.com/simatic-it

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