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EnergyIP 8.6 Certification

Technical Training Program

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EnergyIP Platform

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EnergyIP Certification

Let's face it, software projects can be difficult experiences. In today's fast-changing world the pressure to deliver right now has become the standard.

And, getting what you expected; when you expected it means that our training needs to be modeled after just-in-time delivery methods, agile implementation standards and led by EnergyIP experts.

Virtual Certification is our answer to these requirements. In fact, you can now get training once you get the deal and complete it on your time.

Audience
EnergyIP Systems Implementers or Solutions Engineers.

Pre-requisites
- Unix / Linux
- SQL / Oracle skills
- Discipline to complete self study assignments
- EnergyIP Experience Utility industry experience

Learning Objectives
At the end of this course students should be able to
- Install EnergyIP 8
- Follow specification documents
- Configure EnergyIP 8
- Test configurations
- Incorporate best practices
- Close out the project

Program Overview

The core of the program is "virtual" instructor-led training sessions or "vILT". These sessions are secure web-based meetings run by EnergyIP Certified Instructors utilizing screen sharing and VOIP for two-way audio & video between the instructor and class.

The vILT sessions are delivered by our cloud-based service which also pro- vides the following capabilities during the class:

- Presentations
- Demonstrations on a cloud instance of EnergyIP
- Scenario based specifications
- Concepts, procedures & processes for implementation
- Best Practices
- Partner discussion forum
- All sessions are recorded for review

If you miss a session one month you can pick it up next month to continue your certification.
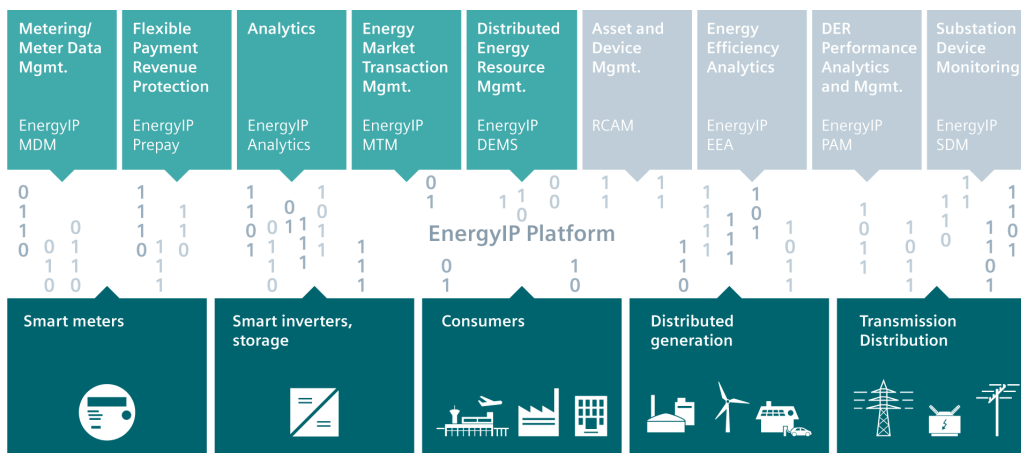
Certification

Throughout the course implementers will work within a real-world context: they pick up where the System Architect's workshops leave off, implement the system according to the requirements, and then deliver the system for an acceptance test.

The course mirrors the real-world of work by providing sample requirements documents, spreadsheets and ample practice configuring the system according to the requirements.

To become certified EnergyIP 8 implementer students must pass the course with at least a 75% total score. The score is determined as follows:

10%	Periodic Quizzes
10%	Instructor Assessment
30%	Knowledge Exam
50%	Hands-On Exam

Metering/ Meter Data Mgmt.	Flexible Payment Revenue Protection	Analytics	Energy Market Transaction Mgmt.	Distributed Energy Resource Mgmt.	Asset and Device Mgmt.	Energy Efficiency Analytics	DER Performance Analytics and Mgmt.	Substation Device Monitoring
EnergyIP MDM	EnergyIP Prepay	EnergyIP Analytics	EnergyIP MTM	EnergyIP DEMS	RCAM	EnergyIP EEA	EnergyIP PAM	EnergyIP SDM

EnergyIP Platform

Smart meters	Smart inverters, storage	Consumers	Distributed generation	Transmission Distribution

Course Materials

The course material is divided into multiple folders and a myriad of media types, including instructorled schedules, techtalks, web-based training, pdf documents, graphics, video demonstrations and we3binars. These materials are located in the Siemens Learning Cloud.

The cloud contains seven topical collections full of information on:

- Installation and configuration considerations
- Lab access and exercises
- Scenario based specifications
- Concepts, procedures & processes for implementation
- Product demos
- Best Practices
- Articles from industry experts
- Partner discussion forum
- Self-study assignments

Students receive full access to the Siemens Learning Cloud one week prior to the start of class. Assignments, course schedule, study groups and the discussion forum are all located in the Learning Cloud.

"The Learning Cloud has loads of content that I have used both during a class and after a class. It is a great source of reference material for EnergyIP."

Virtual Instructor-led Sessions
Each week during the certification course you will focus on various aspects of the installation and configuration tasks needed to complete your implementation project. Each session will run between 2 and 4 hours depending on complexity. The topics for each week are listed below.

Week 1:
• Introduction and Synchronization
• Data Collection, FlexSync and Meter Reads

Week 2:
• Meter Reads
• Validation, Framing
• Data and Reference Utility

Week 3:
• Data Delivery, Billing
• Reference Data
• Configuration Management

Week 4:
• Activity Gateway, Provisioning
• Reports
• Troubleshooting

When the sessions conclude you will take two certification exams. The first exam will be a written exam and the second exam will be a hands-on exam.

Self Study Assignments
Each week during the certification course you will be required to complete both pre-work and post work for each of the eight sessions listed.
You will be assigned a study group and will bring the results of your assignments to the formal weekly session.
You should expect to spend 2-4 hours on the self study assignments each week.
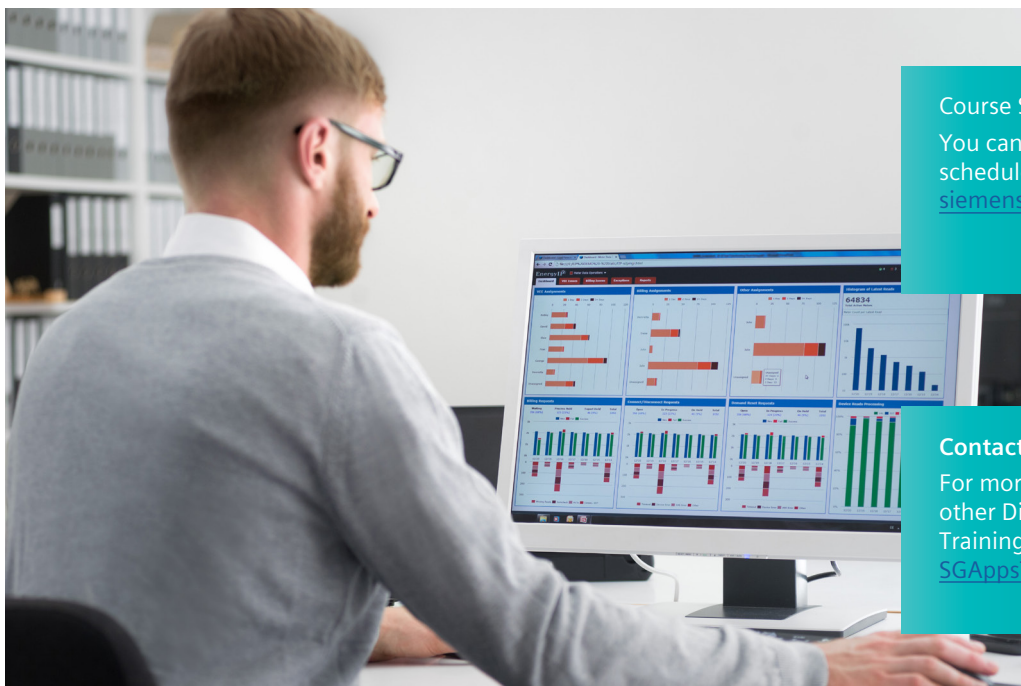
Course Schedule
You can download the latest class schedules at:
siemens.com/learningondemand

Contact Us
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