TECHNICAL TRAINING PROGRAM

EnergyIP 9.0 Certification Training

Virtual training modeled after just-in-time delivery methods, agile implementation standards and led by EnergyIP experts.

SIEMENS

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EnergyIP 9.0 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. Virtual Certification is our answer to these requirements – you get hands-on expert instruction from your desk plus the flexibility to complete class assignments on your own schedule.

Audience

EnergyIP Systems Implementers or Solution Engineers

Prerequisites

Students will need to have and demonstrate prerequisite skills and knowledge including:

1. Unix / Linux
2. SQL / Oracle skills
3. Discipline to complete self study assignments
4. EnergyIP Experience Utility industry experience

Learning Objectives

At the end of this course students should be able to:

- Follow specification documents
- Configure EnergyIP 9
- Test configurations using both the classic and new Mosaic UI
- Incorporate best practices
- Close out the project

Virtual Instructor-led Sessions

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 provides 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. Students are introduced to the new Mosaic user interface, and can choose to use either the Mosaic interface, the classic interface, or both.

The course culminates with a hands-on certification assessment of a configured system.

To become certified EnergyIP 9 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

Course Materials

The course material is divided into multiple folders and a myriad of media types, including instructor-led schedules, tech-talks, web-based training, pdf documents, graphics, video demonstrations and webinars. These materials are hosted in the Siemens Learning Cloud, an online platform that contains topical collections on EnergyIP product and technical content including:

- Installation and con-figuration 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 for convenient access at any time during the class sessions.

Session Schedule

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
- Event and Data Management
- Configuration Management

Week 4

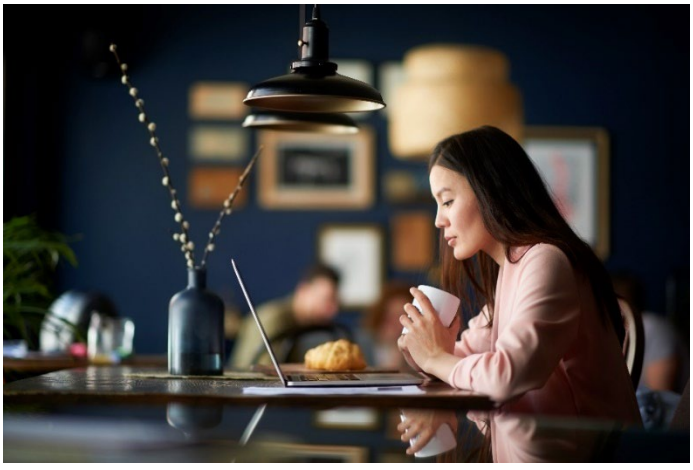
- Activity Gateway, Provisioning
- Reports
- Troubleshooting

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 above. You will be as-signed a study group and will bring the results of your assignments to the formal weekly session. You will need to spend 2-4 hours on the self-study assignments each week.

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.

"The virtual training has allowed me to stay put and work on projects as I learn."



The Course Schedule

Classes start every other month, click here to download the latest Training Class Schedule.
Or contact us if you have any questions regarding the certification program.

Contact the EnergyIP Training Team

Email us at SGAppsTraining.si@siemens.com
Visit us on the web at siemens.com/energyip-learningondemand

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