



Movicon.NExT™ is the new industrial software platform that offers the most innovative and flexible software technology for Window/Linux HMI projects, for SCADA supervisory systems, efficient MES analysis solutions that are essential to Industry 4.0. Our **Movicon.NExT Fundamentals** and **Advanced** courses upskill your team on this latest in HMI technology.

Training to Fit Your Needs

We invite you to attend one of our Emerson Automation and Controls Product Training Courses. These courses use lecture and hands-on workshops to teach students to properly install, configure, program, troubleshoot, and maintain a variety of products.

Resources



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ENSURE THAT THE TIME YOU INVEST IN TRAINING LEADS TO MEANINGFUL PROGRESS AND REAL RESULTS.

Emerson certified trainers understand your industry, and bring our deep product expertise into the classroom. With ready access to the collective Emerson knowledge and talent pool, your trainer can provide a precise answer to your most complex questions.

Emerson certified trainers have the following qualifications:

Experienced with field expertise in each specific Emerson Automation and Controls product

Educated through rigorous technology coursework and certification processes

Trained certified on Emerson Automation and Controls products and trained in adult learning techniques



Course 7704 : Movicon.NEXt Fundamentals

Overview

This three-day course explains the basic fundamentals of the Movicon.NEXt industrial software solution. The course uses lectures and labs to teach the students.

Those who complete this class will be able to:

- Create a Movicon.NEXt Project along with basic HMI screen layout with animated elements.
- Configure I/O communications with multiple I/O data sources.
- Configure Alarms, Data Logging, and Data Trending for collection and display on HMI screens.

Topics

- Introduction
- Software Installation
- Programming Environment
- I/O Data Server
- Client and Surroundings
- Alarms
- Historian and Data Logger
- Trend and Data Analysis
- Text and Languages
- Security and User Management
- Schedulers and Events
- Recipes
- WebClients

Are There Any Prerequisites?

Participants should be comfortable operating in a Microsoft Windows environment, and have a basic understanding of control fundamentals

Training Details

- Duration: 24 Hours
- Delivery: Classroom, Onsite, Virtual
- Part #: 7704/7704V
- Suggested Class Size: 10 Students
- CEUs: 2.4

Course 7705 : Movicon.NEXt Advanced

Overview

This two-day course builds on the basic fundamentals of the Movicon.NEXt industrial software solution to learn how to utilize advanced features such as Power Template and 3D Graphis. The course uses lectures and labs to teach the students.

Those who complete this class will be able to:

- Apply Movicon.NEXt tools, such as Screen Parametrization, Power Templates, and Aliases for effective HMI application development.
- Set up and configure OPC-UA communications.
- Create and debug logic written in VB.NET Script
- Understand basic concepts of using 3D graphics
- Configure and apply the Alarm Dispatcher.

Topics:

- Screen Parametrization
- Power Templates
- Alias on Objects
- OPC-UA - Setting up and configuring in software
- VB.NET Scripting
- 21 CFR Part11 compliance
- 3D Graphics
- Alarm Dispatcher

Are There Any Prerequisites?

Participants should be familiar with the Movicon.NEXt programming environment and its basic functions.

Training Details

- Duration: 16 Hours
- Delivery: Classroom, Onsite, Virtual
- Part #: 7705/7705V
- Suggested Class Size: 10 Students
- CEUs: 1.6



Registration Information

To register online: Click here, [MyTraining](#)

To register by phone: Call Emerson Education Services at **1-800-338-8158**

For additional questions or a list of courses, please visit www.Emerson.com/Education

Purchase order or credit card required for enrollment.

Credit cards preferred: Most major credit cards accepted.



Purchase orders must be made out to:

**Emerson Process Management LLLP
c/o Educational Services
1100 West Louis Henna Blvd. - Bldg 1
Round Rock, TX 78681-7430
Payment Terms: Net 30 days
Please Include on PO: Student's Name, Course Number,
Emerson's Payment Terms (Net 30 Days), and Course Tuition Price**

Please email all purchase orders to Education@Emerson.com

Please Note: To complete the registration process, attendees must register through [MyTraining](#) or call the registration center (800-338-8158). Only receipt of purchase order guarantees a seat.

Cancellations

You may cancel your reservations up to 14 calendar days prior to the start of the course without incurring a cancellation fee. 50 percent of the full tuition will be charged for cancellations received during the 14 days prior to the start of the course, and full tuition will be charged for failure to attend without cancelling. Substitutions are accepted until the first day of class. Scheduled courses may be cancelled due to low enrollment.

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