



Technical training for iX Developer

iX Software is a revolutionary software that features drivers to communicate with your automation equipment, enhanced HMI functionality, state-of-the-art graphics, an intuitive design environment and a truly open platform for today's automation control market.

The Salt Lake City, Utah iX Developer training courses give control engineers, machine builders, OEMs, system integrators, application engineers and industrial graphic designers the hands-on knowledge required to build intuitive and robust control screens based on Beijer Electronics' iX-based HMIs.

iX Developer - Basic

The two-day course gives novice HMI programmers a solid, hands-on understanding of iX. Students will leave with an ability to create their Beijer HMI screens.

iX Developer - Advanced

The two-day course gives advanced HMI programmers a solid, hands-on understanding of the advanced programming and scripting features of iX.

iX Developer - SoftControl

The two-day course gives advanced HMI programmers a solid, hands-on understanding of Beijer's iX implementation of the CODESYS / IEC 61131-3 PLC programming environment.



Course Outlines

iX Developer – Basic (2 days)

- Basic Steps I
- Basic Steps II
- Dynamics
- Controllers + Tags
- Actions
- Alarm Server
- Security / User Management
- Trends
- Recipes
- Media Controls
- Multi Language
- Text Library
- Project / Panel Handling
- Hints + Error Support

iX Developer – Advanced (2 days)

- Visualization - Objects
- Alarm Client / Server
- Alarm Distribution
- Data Exchange
- Data Logger/Trend Dynamics
- Charts
- Audit Trail
- Report Generator
- Screen Alias
- Expressions
- Web Server
- OPC UA Client / Server
- C# Scripting
- iX Integrator

iX Developer -- SoftControl (2 day)

- CODESYS
- Beijer'S SoftControl offering
- Structured project, IEC 61131-3
- Editors IL / LD / FBD / ST / SFC / CFC
- CoDeSys programming tool
- User interface
- Task / POU / Variables
- Declaration of Local and Global variables
- Exercises with editors and Elevator Simulator
- Timers and Counters
- Operands and Calculations

Prerequisites

- iX Developer Basic: None.
- iX Developer Advanced: Recommended to not attend Basic and Advanced back-to-back the same week. Take Advanced after you have real hands-on experience with iX.
- iX Developer SoftControl: Do not attend Basic and SoftControl during the same training grouping. Take SoftControl after you have real hands-on experience with iX.
- Student Requirements: Bring your own laptop. Cover your own travel expenses including hotel, rental car and meals.

2018 Class Schedule

- iX Developer – Basic (2 days – 8:30 a.m. - 5 p.m., 1 hour for lunch, frequent breaks) – 19-20 Feb (Mon-Tues) | 11-12 Jun (Mon-Tues) | 15-16 Oct (Mon-Tues)
- iX Developer – Advanced (2 days – 8:30 a.m. - 5 p.m., 1 hour for lunch, frequent breaks) – 21-22 Feb (Wed - Thurs) | 13-14 Jun (Wed-Thurs) | 17-18 Oct (Wed-Thurs)
- iX Developer – Soft Control (2 days – 8:30 a.m. - 5 p.m., 1 hour for lunch, frequent breaks) – 26-27 Feb (Mon-Tues) | 18-19 Jun (Wed-Thurs) | 22-23 Oct (Mon-Tues)

- Class Location:** Beijer Electronics, Inc., 1865 West 2100 South, Salt Lake City, Utah, 84119, USA | 1-801-466-8770 | www.beijerinc.com
- Cost:** Check with your Regional Sales Manager or call +1 801 466 8770