



HMI Design & Technology Seminar

by Beijer Electronics

9-11 May 2016

The Lodges at Deer Valley (Park City, UT)



Human Machine Interfaces have become the norm for machine control and operator interfaces. Today's modern HMIs are more intuitive, more comprehensive, and facilitate safer operations than those of even the recent past. Join us in mid-May at The Lodges at Deer Valley in lovely Park City, Utah, USA for the annual HMI Design & Technology Seminar

About the Design & Technology Seminar

This seminar brings together individuals tasked with designing and maintaining control systems, HMI programmers, product designers, and business and product specialists. Speakers are third-party industry experts and specialists from Beijer, who has been building HMIs and programming software for 35 years.

The seminar will combine group lecture topics, live demonstrations and smaller breakout sessions for technical and non-technical discussions and show-and-tell. Sessions will address various applications, industrial Internet of things, cloud applications, best practices in HMI design, security, HMI project creation, soft PLC, HMI integration, PLC communication, OPC UA, and HMI design and certification requirements for extreme environments. There will also be real world application examples and case studies from various industries.

Regardless of your level of technical knowledge, there is something for everyone.

For existing or prospective Beijer customers, the seminar will be followed by a 2-day class on Beijer's HMI programming software, iX Developer.

Who Should Attend?

This seminar is designed for anyone responsible for designing or maintaining automation control systems and HMI programming:

- Machine Builders
- System Integrators
- Controls Engineers
- Plant Engineers
- Maintenance Technicians
- Product Managers
- Business Development Managers
- Professional Engineers

Cost

The 1.5 day seminar price is \$495. There is an optional golf outing on Wednesday afternoon for \$50. For those interested in the optional two-day iX Basic Training, the fee is \$1000.



HMI Design & Technology Seminar

Schedule of Events

Monday (6 - 9 p.m.)
Welcome Reception

Tuesday (8 a.m. - 1 p.m.)
HMI and Industrial Automation Training
HMI Applications (examples across many industries)
HMI and Internet of Things (Industry 4.0 / HMI 4.0)
Customer Case Study #1
HMI Design Concepts (ISA 101)
Customer Case Study #2
Industrial Security & HMIs
(ISA 99, IEC 62443, ISO 27001, ISA Secure)
Keynote speaker over lunch

Tuesday (1 - 5 p.m.)
Technical and Non-Technical Breakout Sessions
HMI programming software and project creation
HMI, soft PLC, I/O integration
HMI sharing and project integration
HMI how-to demonstrations

Tuesday (6 - 9 p.m.)
Group Activity and Dinner in Park City

Wednesday (8 a.m. - 1 p.m.)
HMI and Industrial Automation Training continued
PLC communication drivers and OPC UA
Customer Case Study #3
Designing, Building, Deploying HMIs for Extreme Environments
Customer Case Study #4
Beijer HMI product offering and roadmap

Wednesday (2 p.m.)
Optional golf (separate fee)

Thursday-Friday (8 a.m. - 5 p.m.)
Optional iX Basic Training course (separate fee)
@ Beijer Electronics, 1865 W 2100, Salt Lake City

Registration

The on-line registration and payment portal will be available in February on www.beijerinc.com

Travel Expenses

All travel expenses are the responsibility of the attendee. The seminar fee includes all group breakfasts, lunches, dinner and breaks. A special room rate has been reserved for the seminar attendees.

The Facility

The Lodges at Deer Valley is a beautifully appointed condominium-style residence, located less than half a mile from the base of Deer Valley Resort. Located in Park City, the tranquil mountain setting offers a variety of year-round activities.

2900 Deer Valley Drive East
Park City, UT, 84060
435-615-2600

Optional iX Training

The two-day course gives novice HMI programmers a solid, hands-on understanding of iX. It includes the basics, dynamics, controllers and tags, actions, alarms, security and user management, trends, recipes, media controls, multi language, text library, project and panel handling.

