



High Country Tek, Inc.

SAE J1939 & DVC Series Controllers Training Course

Electronic Control Solutions for the Global Fluid Power Industry



Your Multiple Benefits:

- Become self-sufficient in proficiently using SAE J1939 with the DVC controllers and other equipment
- Develop new applications as you need and save on external consultant and programmer costs
- Streamline application installations and design multi-node, distributed I/O solutions
- Enhance your company's abilities and add a new revenue stream to your existing product lines
- Design and integrate parts from your line-cards into 'systems' and develop high value opportunities
- Integrate sub-systems across several controllers for more efficiency and greater machine flexibility & reliability
- Opportunity referrals from HCT from customers in your area that need DVC product, systems or support
- Once the course is completed, experienced HCT personnel are available for telephone support as needed.

SAE J1939 Software Course

- The course is designed to accommodate all levels of programming and HCT electronic controller understanding
- Interactive assignments will help you to produce working solutions to common problems
- Learn how SAE J1939 interfaces with the Intella software to simplify and optimize systems
- Learn over 2 days, how to understand, manipulate and use the SAE J1939 messages with the DVC controllers
- Make demonstration systems consisting of displays, keypads, joysticks and controllers
- See how this protocol makes future applications cost effective, easy to install and robust in operation

SAE J1939 protocols are used in:

- Diesel power-train applications
- Hybrid and electric vehicles
- Trucks, busses and transportation
- Ag and Forestry machinery
- Military and field service vehicles
- Mining, research and drilling equipment
- Fleet management systems
- Marine control systems
- Inter controller communication
- Radio remote equipment

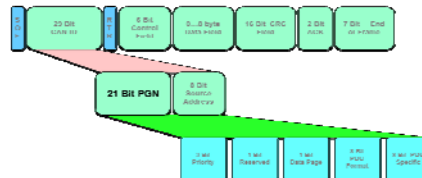


www.hctcontrols.com

Sample Course Agenda:

Day 1 – Product familiarization

- Product familiarization and general overview discussions on controller family.
- DVC product specifications, hardware, I/O definition.
- SAE J1939 overview and advantages.
- SAE J1939 message format.
- SAE J1939 third party devices, keypads, toggle switches, displays.
- SAE J1939 class exercise on byte/bit formatting explanation.



Day 2 – Application and practical usage

- Discussion of practical usage of controllers and project types.
- Writing and testing code using student's computers with actual DVC module.
- Hints and Tips on how to build on the framework for successful SAE J1939 project completion.

Course Contents and Support Services:

SAE J1939 course includes:

Everyone attending should have a legal copy of the HCT Intella™ Software Suite installed on the computer used for the training course.

This is a very open class format, where the students will bring questions that will direct the meeting flow and discussion topics.

Many discussions will involve how different hydraulic components are influenced by the DVC controllers, with features, benefits and issues being highlighted.

Contact your local distributor for pricing.

**Support services:

- ⇒ Application development support
- ⇒ Code overview support
- ⇒ On-site commissioning support
- ⇒ Continued Intella™ Software training

***Pricing available by the hour or a daily rate*

Contact your local distributor for support service availability, scheduling & pricing.

Need More Information ?

For price, delivery and to discuss further options that can help you promote your company while growing and capturing sales, please contact our customer service department or e-Mail us at: info@hctcontrols.com

For a full list of authorized distributors worldwide, please visit:

www.hctcontrols.com/distributors/index.htm



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