GS Global Resources IQAN Training

A look at what we cover in the **IQAN Basic Training:**

- An introduction to the IQAN hardware & software
- Types of inputs & outputs
- Basics of CAN-bus network
- Building IQANdesign applications
    - Setting up a system
    - Master Modules & Expansion Modules
    - Channels & Function Groups
    - Channel Links
    - Creating display pages
    - Introduction to J1939 CAN communication
    - CAN communication between IQAN Master Modules
    - Creating display messages
    - Ramps & Filters
    - Measuring & Graphing
    - Setting up your application for multiple languages
    - Create four (4) different projects during class
- Using IQANrun software
- Using an IQAN G11 modem
- Note: The IQAN Training will be focused on IQANdesign version 5 and features hands-on training with IQAN controllers.

The **IQAN Advanced** class is more open on what can be covered. Typical subjects might be:

- More in-depth J1939 CAN Communication.
- J1939 Diagnostics (SPN & FMI)
- Closed Loop Control (Position Control, Speed Control, etc.)
- Creating Sequential (Automated) Functions
- States (State Parameters, State Machines, etc.)
- Display Pages
- Logs (Logging Data)
- Security

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