TELETROL
Automatización y Control

Training Program
DNP3 Application for the D20 RTU

Name: DNP3 Application for the D20 RTU.
Code: SE-RE-04
Time: 16 Hours
Objective: To provide the necessaries tools to perform the configuration of the following existing applications in the D20 RTU: DNP DCA, DNP DPA, Data link and Bridgeman. These applications are required to reach a good performance of the RTU in the field. Included a detailed description for each configuration table.
Audience: Intended to Engineers and Technicians that performs technical maintenance of the D20 RTU.

Contents

Day 1

1. Introduction to the D20 RTU.
   - D20 system philosophy.
   - Basic features.
   - Configurations and abilities.
2. RTU Configuration.
   - Creating and copying devices.
   - Download files creation.
   - Configurations debugging.
   - Configurations download.
3. GE HARRIS Implementation of the DNP DCA.
4. Applications configuration.
   - D.20 Peripheral link.
   - System Point database.
   - DNP Data Link.
   - DNP DCA
   - Bridgeman.
   - Configurations debugging.
5. GE HARRIS Implementation of the DNP DPA.
6. DNP DPA configuration.
   - Analog Input map.
   - Analog Output map.
   - DNP DPA Configuration.

Day 2

1. Configurations Debugging.
2. Configurations Download.
3. Configurations Upload.
4. Report Printing.
5. Practice. WESDAC D20 RTu Configuration.
6. DNP messages decoding (practices using typical messages).
7. Messages structures.
   - Request messages.
   - Response messages.

TELECOMUNICACIONES, ELECTRÓNICA Y CONTROL C.A.

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