

SUBNET Solutions Inc. Verification Testing

Course Description SUBNET Solutions Inc. is pleased to announce its Independent 3rd Party DNP 3.0 IED Verification Testing Service. Testing is performed based on the DNP V3.00 Intelligent Electronic Device (IED) Certification Procedure for Subset Level 1 and 2 devices published by the DNP Technical Committee.

SUBNET offers various types of testing services to meet the individual need of DNP 3.0 IED Vendors.

1. DNP Pass/Fail Service This service provides complete Level 1 or Level 2 testing of a device supplied by the vendor. Vendors will receive a report card indicating pass/fail test results for each section of the Verification Test. This service is designed for Vendors who have internally tested the device and are seeking an affordable 3rd Party verification of the device.

2. DNP Full Service Program The DNP Full Service Testing Program provides the complete Level 1 or Level 2 testing available in our Pass/Fail Testing service and includes additional services to work with the Vendor in getting their devices passed. Full Service Testing provides much more detailed set of test results that specifically identify what modifications are required to meet the Verification Test requirements. Working with Vendors to implement these upgrades and performing re-testing services are part of the Full Service Testing.

3. DNP Implementation Review Option This service is designed for vendors seeking how they can maximize the capabilities of DNP 3.0 in their devices. SUBNET will review a vendor's DNP 3.0 implementation and generate a report that provides recommendations to make the DNP 3.0 implementation more sophisticated and efficient. DNP 3.0 is a powerful protocol capable of sophisticated operations such as unsolicited reporting and DNP over Ethernet. SUBNET has been a DNP Systems Integrator since the protocol's inception and has years of experience implementing DNP in a variety of Distribution and Transmission Automation systems. This experience gives us with a wealth of knowledge on what features are critical for flexible DNP 3.0 implementation.

4. On-Site Testing and Training Options SUBNET also offers On-site Verification Testing at the Vendor's facility. An On-Site DNP 3.0 Training course is available, customized to your product for internal personnel in DNP 3.0 software development, customer support and product sales.

5. Master Station Testing Although the DNP Technical Committee has not yet published a Master Station Verification procedure, SUBNET currently offers Master Station Factory Acceptance Testing (FAT) assistance to companies purchasing DNP 3.0 Masters.

