PRODUCT DATA SHEET

ELECTRICITY COMMUNICATIONS MODULE TESTER

Key Benefits:

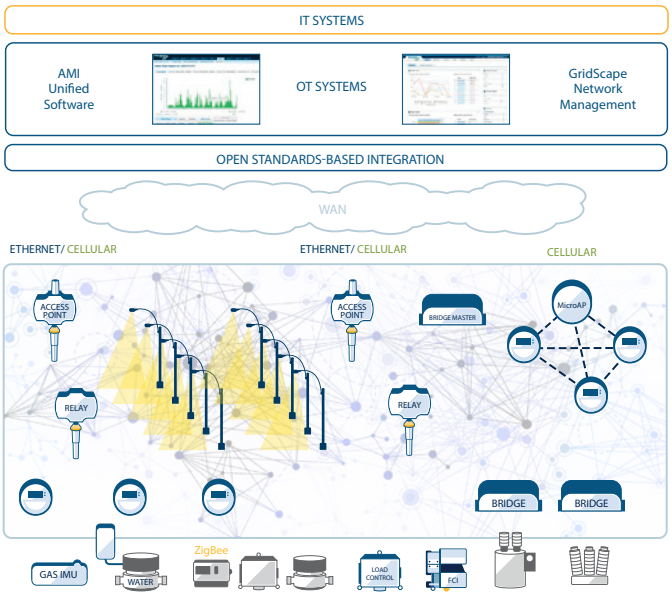
- Accelerates testing of meters
- Leverages existing meter test boards
- Supports multiple bar code scanner options
- Enhances meter testing by leveraging test routines in third-party applications
- Simplifies operations by color-coding test results

SIMPLE, ACCURATE, AND VERSATILE TESTING FOR ELECTRICITY METER COMMUNICATIONS

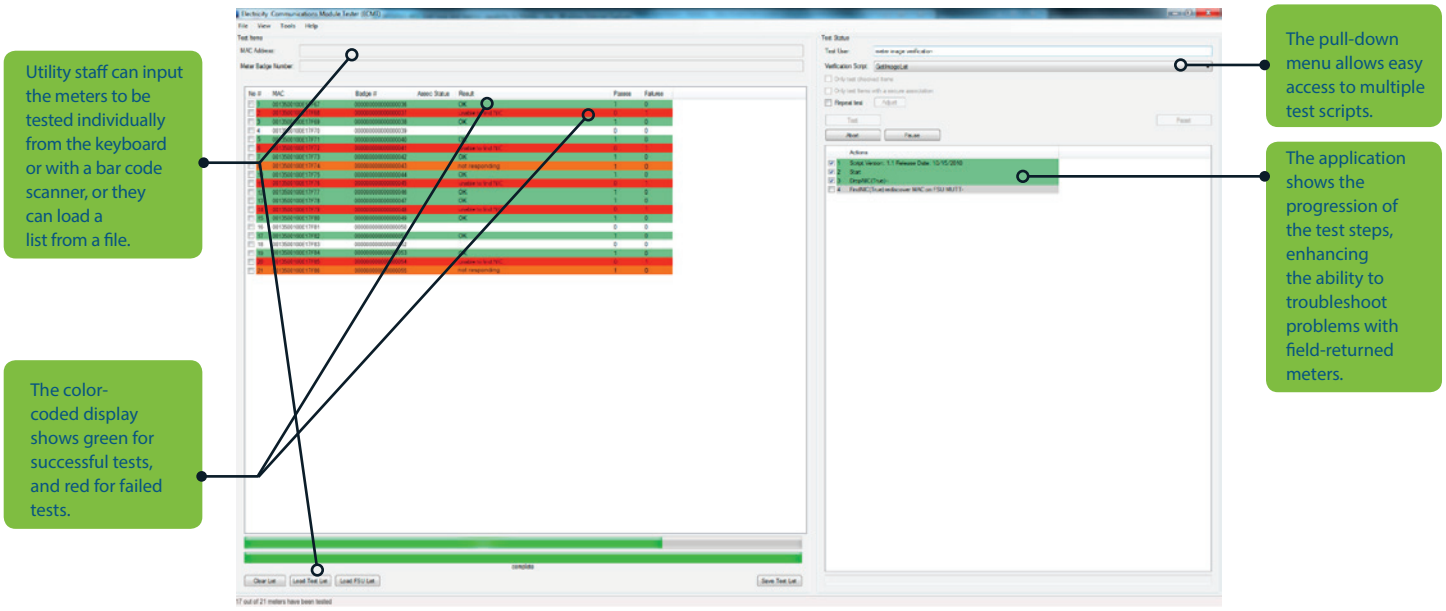
The Silver Spring® Smart Energy platform combines network infrastructure, software, and professional services to enable a range of smart grid applications. Silver Spring complements the network devices and AMI application suite with handheld tools to speed installation and troubleshooting.

The Silver Spring Electricity Communications Module Tester (ECMT) verifies the operational status of the Silver Spring NIC in an electricity meter. When combined with a Silver Spring Field Service Unit (FSU) and any method of powering an electricity meter, such as a meter test board, the tool enables the utility meter shop or test lab to sample test inbound meters and to assess field-returned meters. The tool automates the meter shop's test process and maximizes internal efficiencies by leveraging the meter shop's meter test boards.

The Electricity Communications Module Tester enables testing of most meter communication features. It scripts the separate steps in the meter



The Silver Spring Smart Energy Platform supports a range of smart grid applications on a single open standards-based network.



Successful and unsuccessful test results are color coded in the ECMT user interface

test procedure into a single test process command and stores the test results in a local database, which can then be exported to a file or printed. The result is an easy-to-use, production-ready test tool for utility shop technicians. The tool can also invoke external applications from within the tool's test scripts and execute test scripts created within the Silver Spring Communications Tester tool.

Once an operator selects which test to run, the tool needs two bar code scans, one button press, and about two seconds to test the NIC's ability to read a meter register and to wirelessly communicate the results to the test operator. Alternatively, the tool can also create a test device list by importing all devices visible to the FSU, rather than relying on bar code scans.