



Technology Service Corporation created Test Forge for managing complicated tests, hardware, and sensors within a lab. Test Forge allows lab managers to easily monitor and control a large number of tests with diverse performance requirements.

Test Forge is configurable supporting data acquisition (DAQ) for a wide variety of devices to be tested in any lab or environment where sensor data needs to be collected. Test Forge provides a streamlined software interface to oversee the entire lab from the highest level down to each individual sensor.



▶ Test Forge Lab Management Software

- Allows an operator to oversee and control all tests running throughout a lab
- Runs on a standard PC with the possibility of running on a tablet or other device
- Allows operator to drill down to see detailed test performance information
- Monitor multiple tests while coordinating unique demands for each test

▶ Test Forge Test Item Management

- Review and compare test results
- Track test and maintenance history for each item
- Identify items through peripheral devices (i.e. bar code reader)
- Track item storage location

▶ Test Forge Hardware Interface

- Interface and control testing hardware:
 - Power Supplies
 - Electronic Loads
 - RF Signal Sources
 - Spectrum Analyzer
- Communicate with lab systems using multiple formats:
 - Ethernet (wired and wireless)
 - USB
 - GPIB
 - RS232 & RS422/485
 - CAN