

# Simplify Now!™

by

# Synovus Solutions

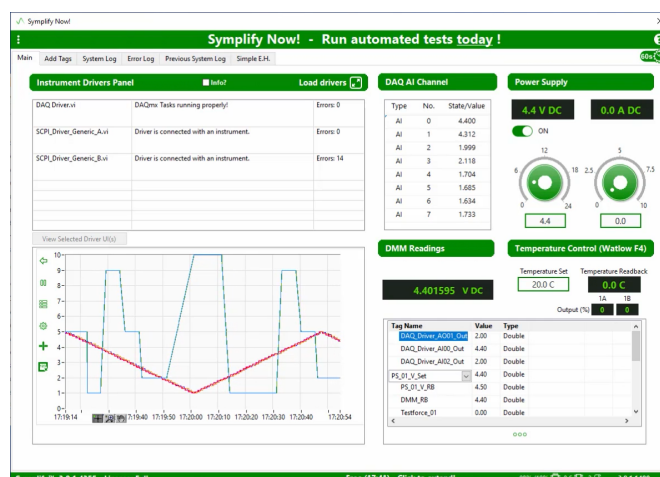
Precompiled so you  
can start TODAY!

## Flexible and open automated test

**Simplify Now!™** offers standard features required in a typical Automated Test System (ATS).

Drivers, user interfaces and test sequences can be customized at runtime for your specific application. No programming required.

Most benchtop instruments (SCPI) and NI DAQ devices are supported. Industrial communication protocols (Modbus, CANOpen, etc.) are available as options.



Above: Sample user interface for controlling Tektronix DMM and NI DAQ

### Features

- ✓ Fully compatible with Python
- ✓ Open architecture: source code available
- ✓ Never lose data - 10Hz logging always on
- ✓ Runs on Windows and Linux RT targets from NI

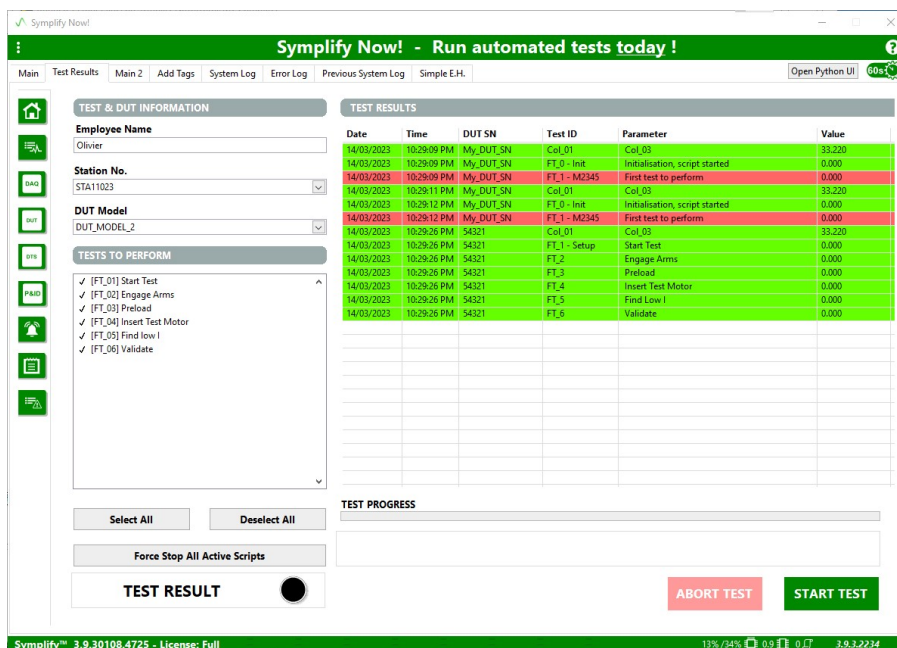
## Drivers included

NI DAQmx driver

- Up to 64 analog inputs, 1MS/s
  - 32 analog outputs
  - 32 digital inputs & outputs
- NI modular instruments:
- SMU, DMM, Oscilloscope

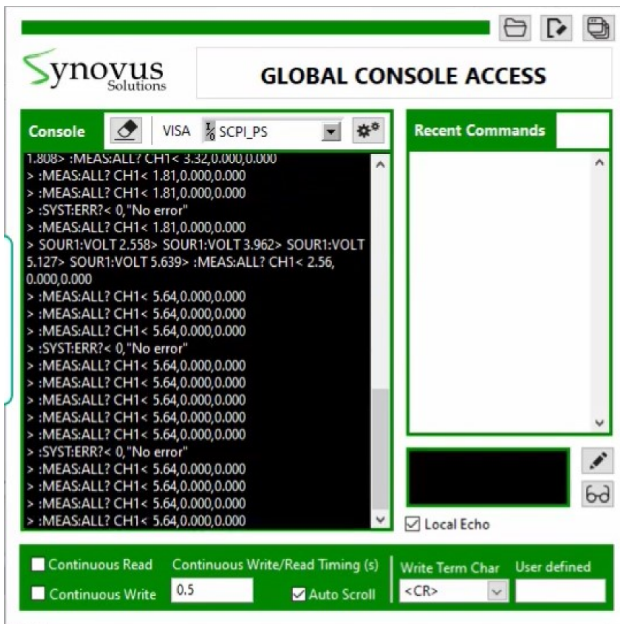
SCPI Instruments

- R&S HMP4040
- Tektronix DMM
- Oscilloscope (Tek MSO5)
- EA electronic loads and PSB



Above: Default operator interface for standard test procedure

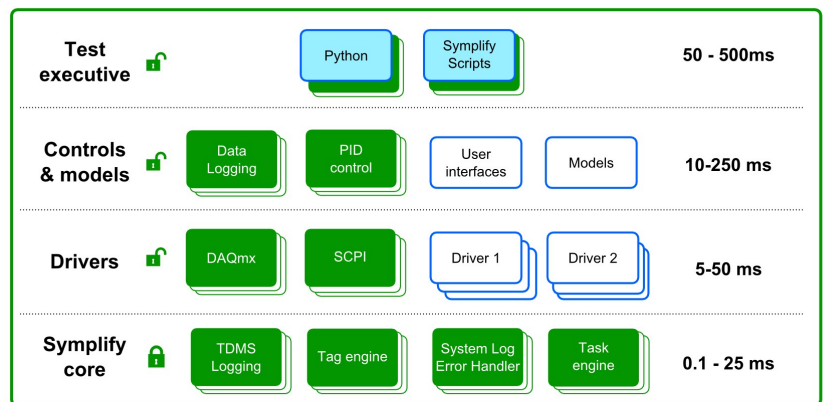
Simplify Now!™ Powered by:



Above: Example of troubleshooting with Simplify Now!™ View messages exchanged with your instruments. Test with confidence that you will always get answers quickly!

Simplify Now!™ is built on more than a decade of successful custom automated test solutions delivered to a broad range of industries:

- Automotive
- Energy
- Aerospace
- Medical.



Above: Your situation and tests are unique but the building blocks in HW and SW are the same.

## Key features

### Test Automation

- Graphing & datalogging
- User access level
- Test sequencer
- TCP/IP connectivity

### Reduce troubleshooting

- Performance monitoring
- Tag values logged to disk
- Error handling and reporting

### Options

- ✓ CAN with NI XNET
- ✓ Modbus RTU and Modbus TCP
- ✓ Ethernet/IP, CANOpen and more
- ✓ Reference test plans for pre-compliance

Contact us today to learn more and download the free version.

[SynovusSolutions.com](http://SynovusSolutions.com)



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