

# Datalogger/DAQ Streaming, Monitoring & Alerts via Initial State

Initial State SaaS product natively supports DAQ6510 and DMM6500



## Key Features

- Monitor and log data streams directly from the instrument, all in real-time and from anywhere - with no PC-in-the-middle required.
- Email and text alert using triggers to based on measurement thresholds and other mathematical rules.
- Access, visualize, archive, share, transform, and analyze current and historical data from anywhere - no install required.
- Create dashboards for standardization, repeatability, and readability.
- Overlay, time-dilate, and compare data sets across test runs.

 **INITIAL STATE**  
[www.initialstate.com/keithley](http://www.initialstate.com/keithley)

## Streaming + Logging

This software-as-a-service platform lets you stream and log data to a central cloud repository. In addition to logging your measurements to a USB drive, scans can be configured to stream directly to Initial State where data is securely transferred and stored. It can be graphed using various visualization tools, shared securely with team members, organized for long-term safe keeping and recall, and monitored in real-time or after the measurement is complete.

The browser-based visualization engine also allows you to compare measurements and create derived signals and summaries from mathematical expressions operating on the incoming data - all in real-time.

## Triggers & Email/Text Alerts

Configured using simple mathematical and logical expressions, Initial state will monitor the data as it is acquired. If a specified trigger occurs, you can choose to receive text (SMS) alerts and/or email notifications. For example, you can get a text alert when your measurement crosses a critical threshold

## Create Dashboards

When you have sets of common measurements, create a unified dashboard to organize each new test execution. You can configure the dashboard to display data using graphs, gauges, text, scalars, maps, and more. These dashboards make it easy to standardize visualization and quickly compare one test run against another.

## Automation & Scripting Compatible

Automate streaming, logging, and monitoring to create custom test sequences. Send data to Initial State through the scripting language and combine with data from other instruments or sequences.

```
initialstate.accesskey = "weBM0dIOVsJ0GdLMeSxxfOEAPFGHzWEgw"  
initialstate.bucketkey = "TestBoard1 Temp Sweep"  
scan.export("initialstate", scan.WRITE_AFTER_SCAN)
```

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