

Sequence Author

Graphical Authoring for National Instruments' TestStand

EnGenius' Sequence Author is a powerful and comprehensive productivity tool that allows users to graphically generate TestStand sequences.

Sequence Author supports:

- **Sequence Development:** Create, modify and debug TestStand sequences using flow-charting symbols.
- **Simultaneous Execution:** Execute and/or debug multiple sequences concurrently.
- **Sequence Documentation:** Test engineers, regardless of skill set, can easily review and understand the operation of a sequence.

Debugging Capabilities

Sequence Author provides a powerful debugging environment with features that include;

- Tracing
- Conditional Breakpoints
- Single Stepping, and
- Watch Expressions

Sequence Management

- Integrated configuration management and version control.
- Export native TestStand sequences that can be executed directly from NI's integrated development environment.

Base Platform Features

- Easily creates TestStand sequences using a drag and drop graphical user interface.
- Supports access to TestStand engine features such as reporting, step profiling, and step results.
- Supports editing steps and step types.
- Supports editing locals, parameters, file global, and station global.
- Supports calling sequences dynamically.
- Supports creation of step catalogs that visually represents TestStand steps.
- Provides access to TestStand Tools.
- Provides access to TestStand configuration tools.
- Allows data to be passed to and from a test and its components.
- Integrates with the user-friendly configuration module.

Optional Components

Expand the capabilities of the Sequence Author with these optional software components:

- Hardware Management
- Access to Digital I/O data
- Access to Analog I/O data
- Access to VPS data
- User Interface Display Management
- Access to standard Windows® components (list boxes, prompts, etc.)
- Access to bitmap displays
- Vehicle Network Message Management
- Test Data and History Interface