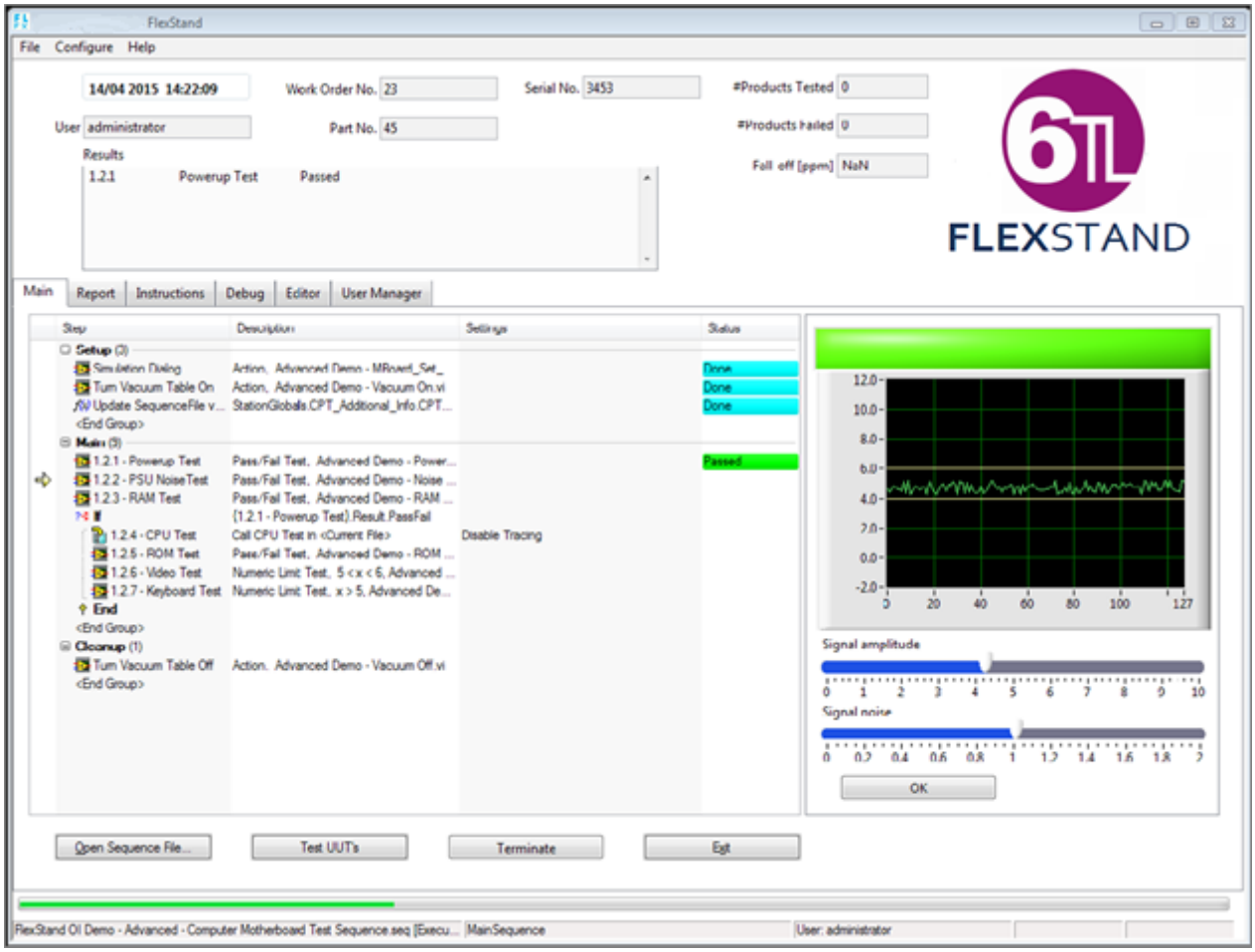
If you think functional test program and user interface development takes times, speed up and face the facts with FlexStand…

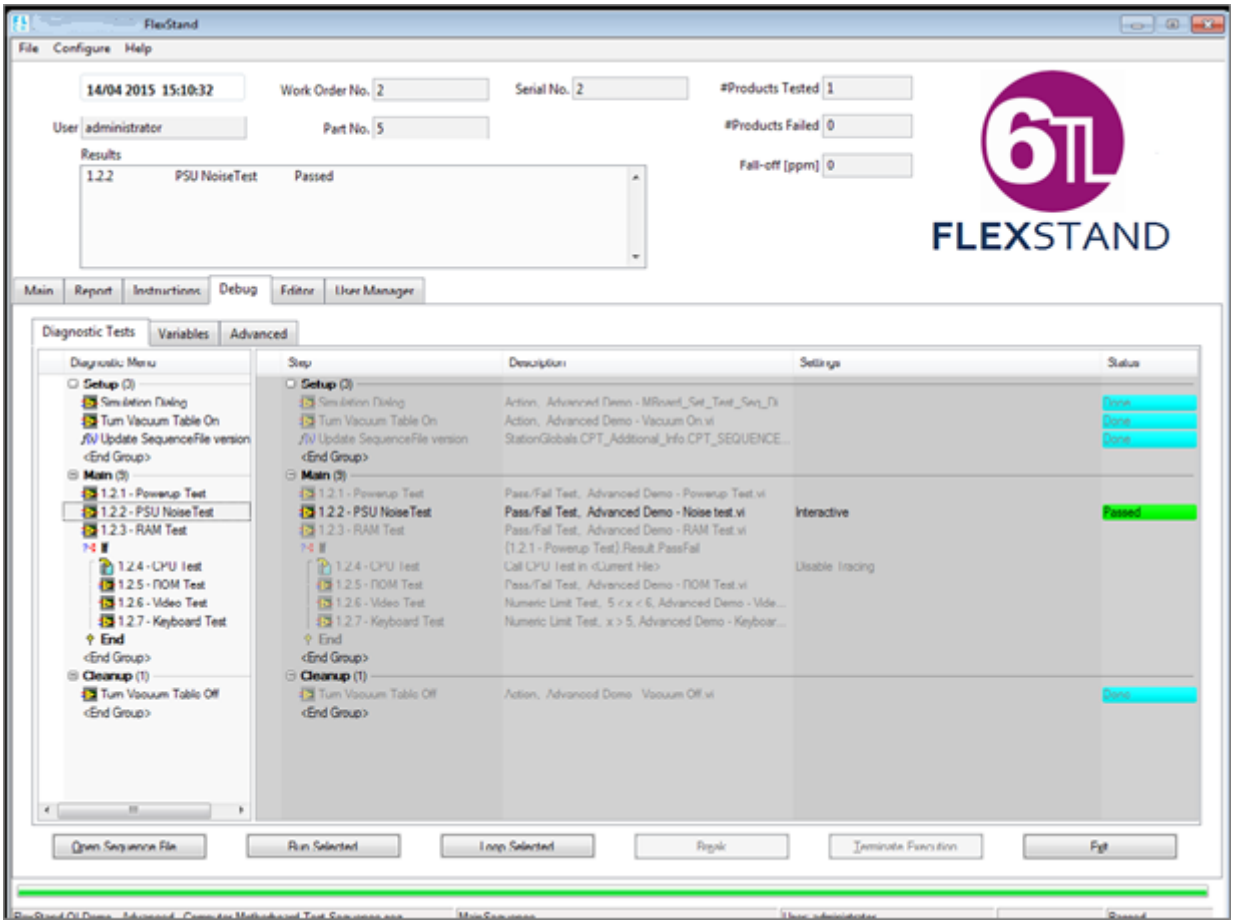
People often think that testing is time consuming and expensive. But with FlexStand Operator Interface, it is now possible to reduce testing time, even if conditions change during the process.

The FlexStand tool offers out of the box User Interfaces with excellent features that greatly simplify the User Interface creation process. Simple or advanced interfaces are easily built with little knowledge of TestStand or LabVIEW. At the same time advantages can be gained in making full use of the powerful features within TestStand .
The flexible TestStand interface significantly reduces the development time of operator interfaces. Only basic LabView and TestStand skills are required.



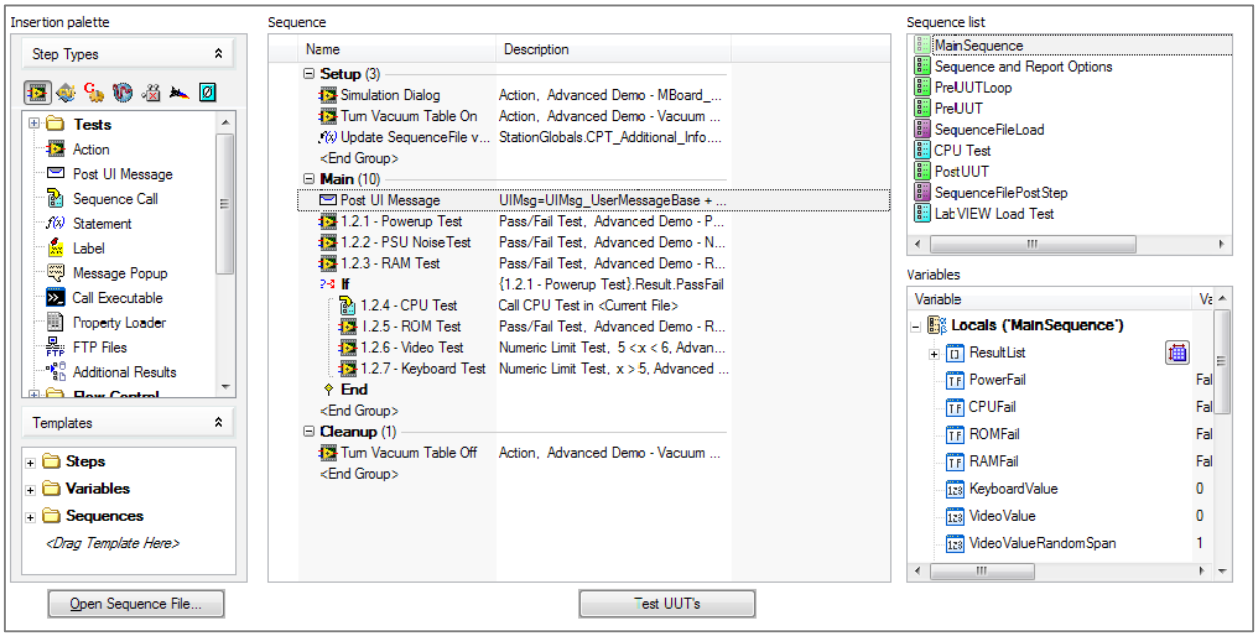
1 FlexStand user Interface

By using FlexStand, you can create simple or advanced operator interfaces for TestStand using only basic LabView programming. A specially designed interface (API) hides all the complex TestStand properties and methods that usually make the task of creating operator interfaces difficult. FlexStand fully integrates into the LabView development environment, including a tools palette and examples.

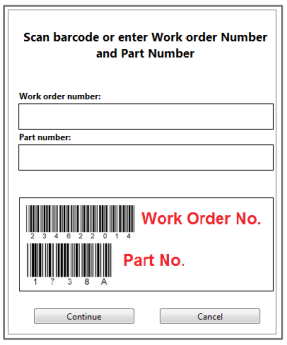


2 Debug View Offers the user the ability to run a single block of tests

FlexStand allows you to create dynamic operator interfaces that fit the tasks for the device to be tested. The operator interface can even be changed during the test, e.g. when a barcode is scanned. A number of tabs can be changed automatically or in user control so the operator receives the desired amount of information based on the specific situation.

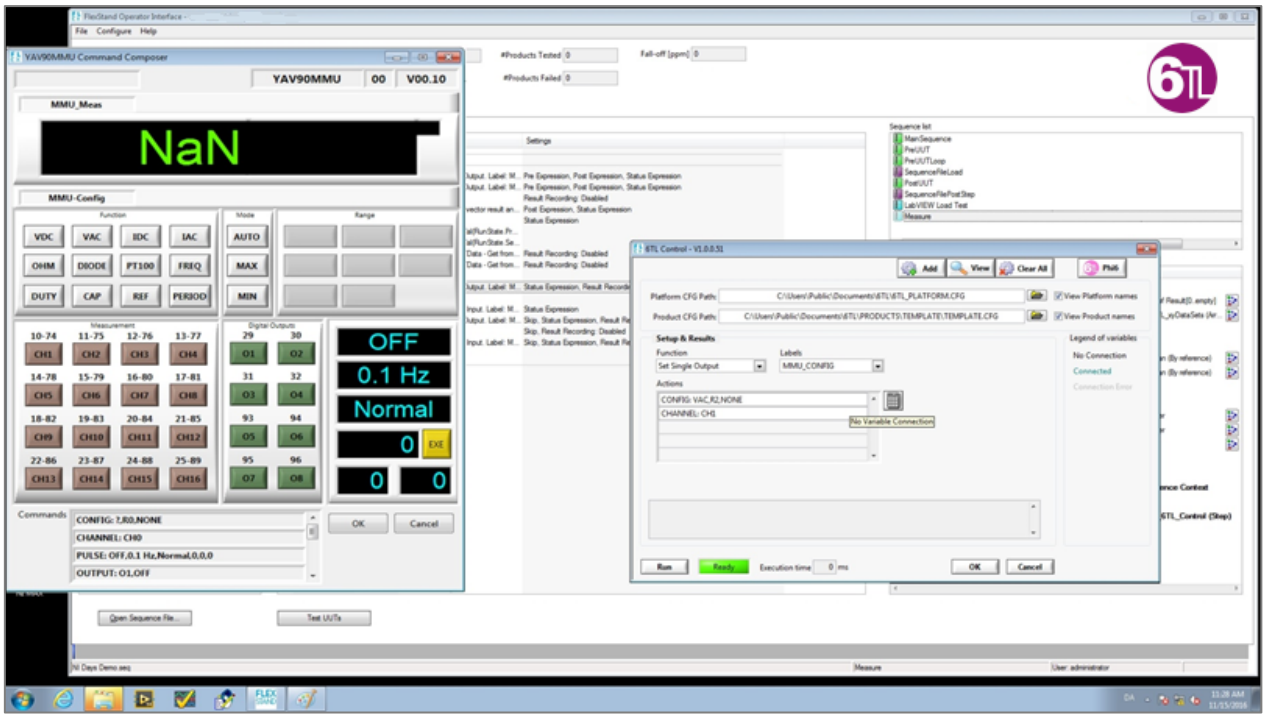


3 The powerful sequence editor offers users the ability to make edits to sequence files without having to leave the operator interface.



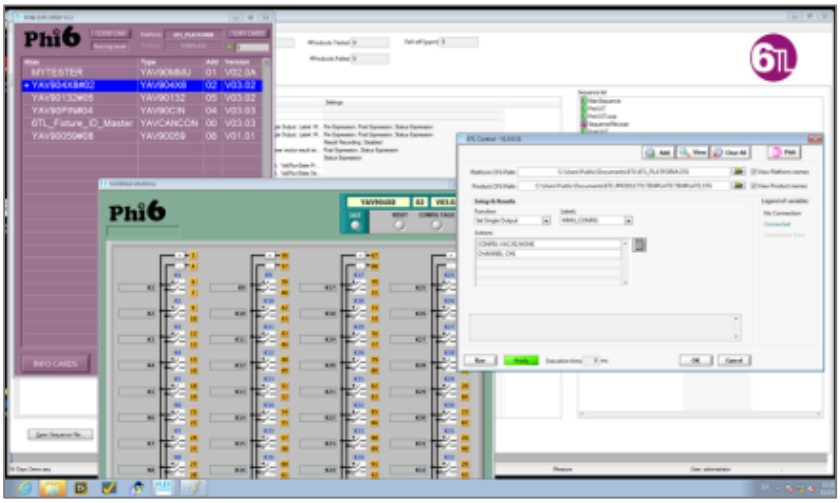
As the FlexStand Operator Interface automatically adjusts to fit the size of the LabView front panels, the programmer has full control over the overall layout. This allows the programmer to allocate more or less space depending on the amount of information required.

The User Dialog Box, offers all the features required for loading and executing a test sequence. Dialogs for operator instructions and responses can now appear as an integrated part of the operator interface so pop-ups can be entirely disabled if desired.



4 With step types as option available for all 6TL YAVModules, developing Teststand teststeps becomes structured and easy, by just entering data via a dialog.

Step Types are optionally available for all YAVModules from 6TL, enabling quick and easy development of a Teststand Test Sequences using simple dialog windows or input via Ph6 Explorer control window input. Resulting in consistent programming, independent of the engineer who is developing the functional test sequence. This can all be done using only a TestStand debug license saving cost and development time.



Key Features;

- **Single Framework** - Single Framework for different testers.
- **Easy Plug-in architecture** - Top plug-in, bottom plug-in and up to 10 main plug-ins.
- **Integrated LabVIEW Dialogs** - Can load standard LV VIs into its subpanels, to avoid user dialogs during test.
- **Examples** - Jumpstart your project with the Simple, Standard or Advanced example.
- **Language localization** - Customize the language interface by changing a simple configuration file.
- **Custom menu** - Supports TestStand standard menu and custom menu entries
- **LabVIEW palette** - Palette including functions for sequence view, report view, button control, status bar, tab control and many other functions.
- **Callbacks** - Create advanced functions using the powerful Callbacks technique.
- **Tab control** - Including automatic tab change and show/hide tabs.
- **Command line parameters** - Supports TestStand standard parameters and Custom defined parameters.
- **Optional Step types** – Available for all 6TL YAVModules enable easy dialog driven test program development resulting in consistent programing code.
- **Programmers Reference manual** - Well documented Guide and API.
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Flexstand Features;.

Feature	FlexStand OI Run-Time	FlexStand OI Editor	FlexStand OI Developer
Plug-in architecture: Top plug-in, bottom plug-in, Supports up to 10 main plug-ins	√	√	√
Language localization	√	√	√
Automatic resize of GUI	√	√	√
TestStand Deployment Engine support	√	√	√
LabVIEW Run-Time support	√	√	√
Custom menu: Supports TestStand standard menu and custom menu entries	√	√	√
Tab control including automatic tab change and show/hide tabs	√	√	√
Callbacks	√	√	√
Command line parameters: Supports TestStand standard parameters and Custom defined parameters	√	√	√
FlexStand Configuration Tool		√	√
LabVIEW API palette			√
Simple example	√		√
Standard example			√
Advanced example includes Editor		√	√
Programmers Reference manual			√
Editor Reference manual		√	

Flexstand is part of the 6TL fastATE test system concept.

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