

RTSTAND LV124 / LV148

WHAT'S NEW? WHAT'S COMING UP?

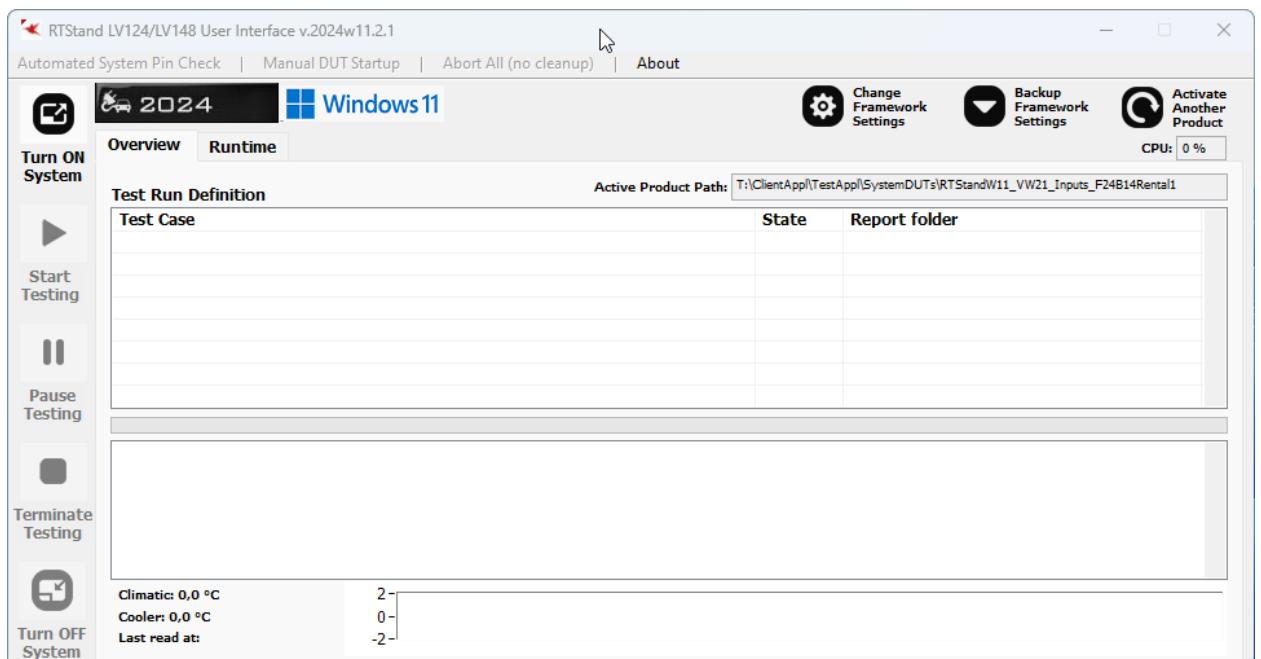
Q2 2024 Win11 Version



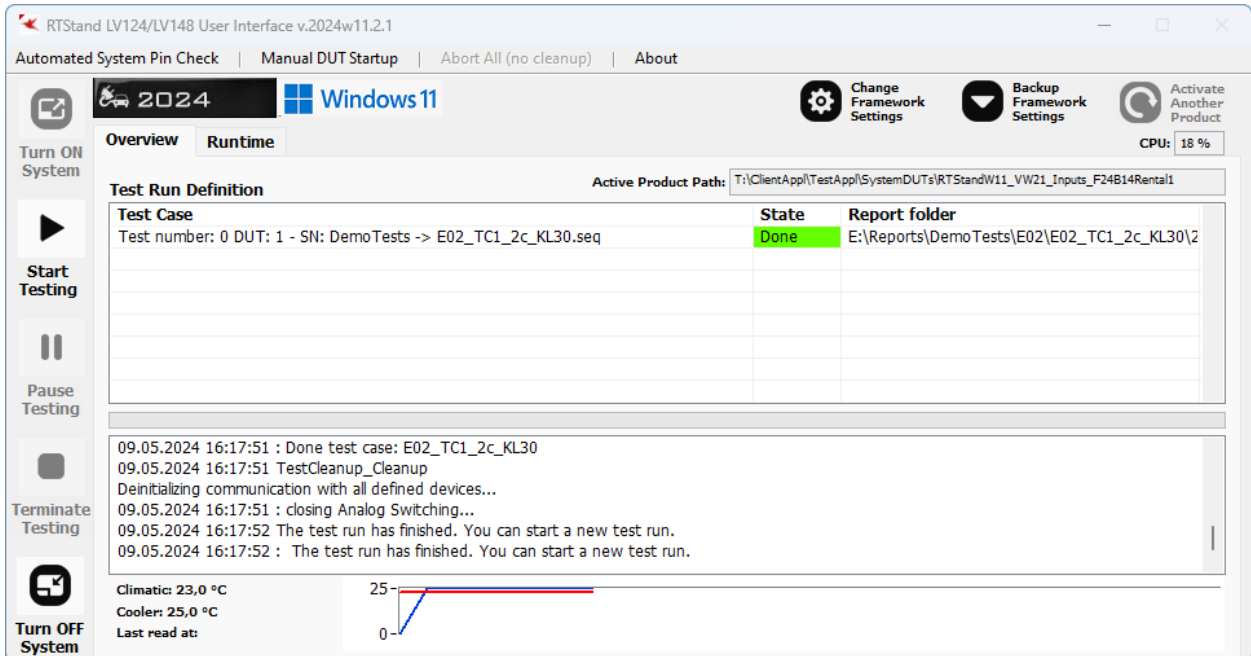
The RTStand LV124 / LV148 systems, for fully-automated testing according to the LV124 / LV148 norms, have been subjected to a first major release in Q2 2024 and have the version 2023SP1. The next major release is scheduled for Q4 2024 and will have version 2024SP1.

What's new in 2024?

- Full support for Windows11 operating system
- New development platforms for NI TestStand 2022 Q4, NI LabVIEW 2023 Q3
- New RTStand User Interface redesign including new features



- Climatic chamber data display
- Report folder link
- Runtime debug capability
- Automated system check capability



RTStand LV124/LV148 User Interface v.2024w11.2.1

Automated System Pin Check | Manual DUT Startup | Abort All (no cleanup) | About

2024 Windows 11

Change Framework Settings | Backup Framework Settings | Activate Another Product

CPU: 18 %

Turn ON System

Overview Runtime

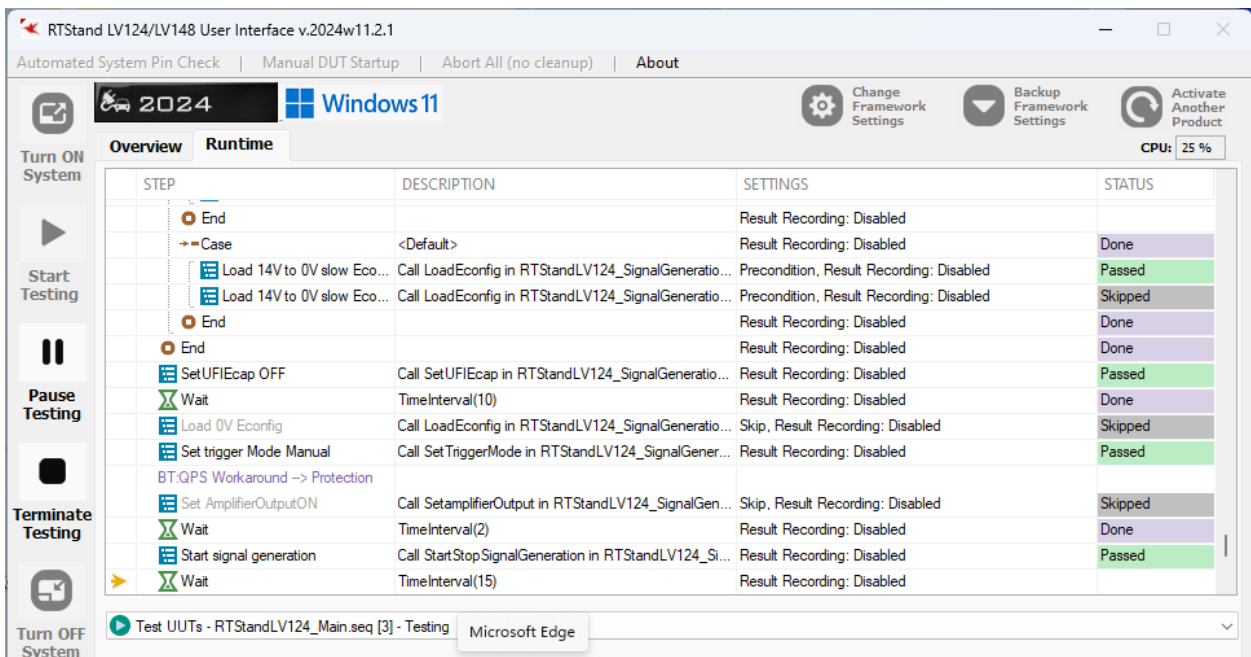
Test Run Definition

Active Product Path: T:\ClientApp\TestApp\SystemDUTs\RTStandW11_VW21_Inputs_F24B14Rental1

Test Case	State	Report folder
Test number: 0 DUT: 1 - SN: DemoTests -> E02_TC1_2c_KL30.seq	Done	E:\Reports\DemoTests\E02\E02_TC1_2c_KL30\2

09.05.2024 16:17:51 : Done test case: E02_TC1_2c_KL30
 09.05.2024 16:17:51 TestCleanup_Cleanup
 Deinitializing communication with all defined devices...
 09.05.2024 16:17:51 : closing Analog Switching...
 09.05.2024 16:17:52 The test run has finished. You can start a new test run.
 09.05.2024 16:17:52 : The test run has finished. You can start a new test run.

Climatic: 23,0 °C
 Cooler: 25,0 °C
 Last read at:



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2024 Windows 11

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CPU: 25 %

Turn ON System

Overview Runtime

STEP	DESCRIPTION	SETTINGS	STATUS
End	<Default>	Result Recording: Disabled	Done
Case		Result Recording: Disabled	Done
Load 14V to 0V slow Eco...	Call LoadEcoconfig in RTStandLV124_SignalGenerati...	Precondition, Result Recording: Disabled	Passed
Load 14V to 0V slow Eco...	Call LoadEcoconfig in RTStandLV124_SignalGenerati...	Precondition, Result Recording: Disabled	Skipped
End		Result Recording: Disabled	Done
End		Result Recording: Disabled	Done
Set UFIEcap OFF	Call SetUFIEcap in RTStandLV124_SignalGenerati...	Result Recording: Disabled	Passed
Wait	TimeInterval(10)	Result Recording: Disabled	Done
Load 0V Ecoconfig	Call LoadEcoconfig in RTStandLV124_SignalGenerati...	Skip, Result Recording: Disabled	Skipped
Set trigger Mode Manual	Call SetTriggerMode in RTStandLV124_SignalGener...	Result Recording: Disabled	Passed
BT:GPS Workaround -> Protection			
Set AmplifierOutputON	Call SetamplifierOutput in RTStandLV124_SignalGen...	Skip, Result Recording: Disabled	Skipped
Wait	TimeInterval(2)	Result Recording: Disabled	Done
Start signal generation	Call StartStopSignalGeneration in RTStandLV124_Si...	Result Recording: Disabled	Passed
Wait	TimeInterval(15)	Result Recording: Disabled	

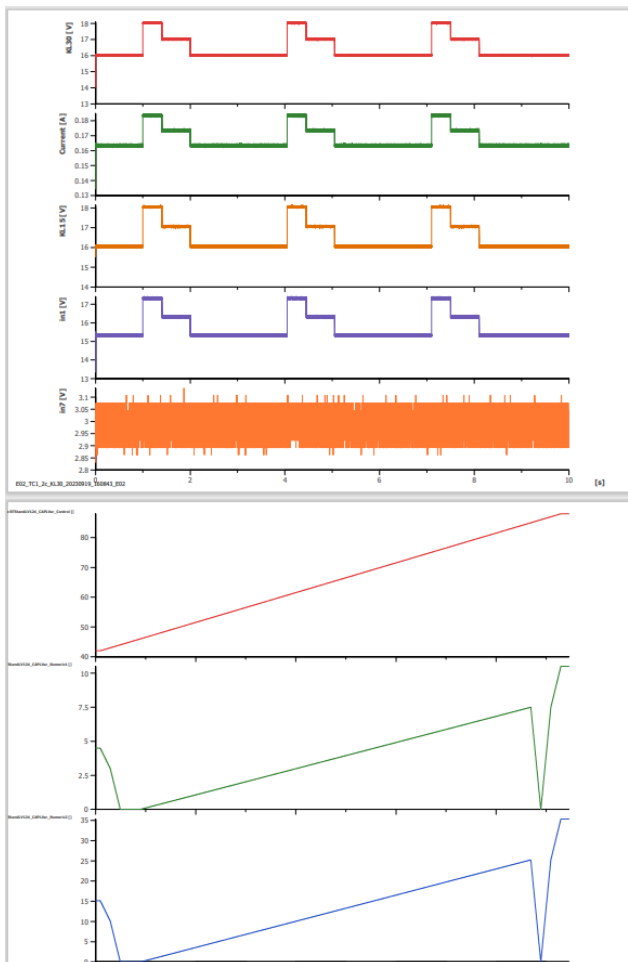
Test UUTs - RTStandLV124_Main.seq [3] - Testing | Microsoft Edge

- New norms – new BMW specifications and Audi test cases integrated in our standard delivery library, currently supporting over 36 standard norms and more various customer test specifications.

- Improved synchronization for the new Tube Analyzer products



- Fully automated testing support for CANoe 17
- CANoe 17 project example including BLF logging and reporting example



- New HowTo documentation for customizing PDF report view, network settings and settings software triggers for the LV124/LV148 pulses.
- Toolchain improvements in BLF Conversion Tool
- Various bug fixes and improvements

What's coming up in 2024SP1?

- Further norm implementations (e.g. ISO 2023, Hyundai, Tesla)
- Continuous improvements in runtime speed
- Tube Analyzer and 4Q amplifier range settings for each test in the Test Run definition tool
- New releases for the whole toolchain
- New Global Settings panels
- New Tube Analyzer features for data display
- Further improvements for PDF reporting templates
- PDF report capabilities for restbus DTC display

... and even more!