

RTSTAND INDUSTRY 4.0 PLUGIN – CLOUD SOLUTION FOR TEST DATA

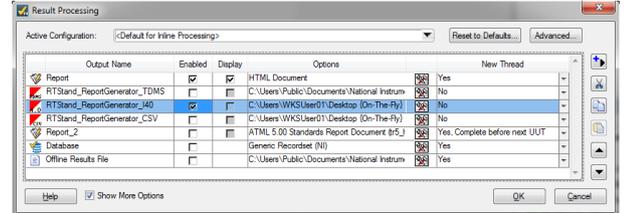
RTStand is open HiL test and simulation platform, based on National Instruments technology, created to adapt to all testing needs. Its modular structure allows the integration of various NI TestStand Plugins.



In cooperation with DataAhead GmbH, WKS Informatik developed a plugin for the monitoring test data during and after testing and for the statistical OEE (Overall Equipment Efficiency) analysis.

RTSTAND: LEVERAGE YOUR SYSTEM FOR INDUSTRY 4.0

- Unlimited plugin integration for various purposes
- Immediate integration into industrial automation solutions
- Support of critical tests during development, validation and production processes of electrical and electronic components
- Customizable **RTStand User Interface** for NI TestStand
- Custom Step Type Library for NI TestStand
- Custom Device Library for NI VeriStand
- Integration of various 3rd party solutions
- Windows NI-based platform for supporting Windows applications
- PXI platform for supporting real-time requirements



Add the Plugin into your test application with just one click!

OEE Analysis with customizable dashboards

On-the-fly, statistic overview of various test benches, over time or as absolute values



Customizable dashboards for an on-the-fly overview of test data

Data displays as tables, graphs, pictures, gauges etc.

StepName	Min	Average	Max	Std Dev Lower	Std Dev	Std Dev Upper
channel_4	10.00	609.41 K	1.84 M	-377.48 K	493.44 K	1.60 M
channel_3	1.00	60.94 K	183.89 K	-37.75 K	49.34 K	159.63 K
channel_2	500.00	750.10	1000.00	461.22	144.44	1.04 K
channel_6	501.88	739.99	960.43	394.05	172.97	1.09 K
current	77.00	203.70	277.00	10.97	96.37	396.44
entfernung	-0.50	197.72	399.98	-34.93	116.33	430.37
entfernung_2	-8.93	188.65	398.30	-44.24	116.44	421.53

Actual Current

Actual Pressure

DUT Overview / current

SerialNumber	StepName	Status	LimitLow	Value	LimitHigh	StartTime
SN183894	current	Failed	100	77.00 A	300	2017-04-13 03:22:14
SN183893	current	Failed	100	77.00 A	300	2017-04-13 03:22:07
SN183892	current	Failed	100	77.00 A	300	2017-04-13 03:22:03
SN183891	current	Failed	100	77.00 A	300	2017-04-13 03:21:59

DUT Overview / Pressure

SerialNumber	StepName	Status	LimitLow	Value	LimitHigh	StartTime
SN183894	pressure	Passed	63.92	73.92 mbar	83.92	2017-04-13 03:22:13
SN183893	pressure	Passed	304.88	314.88 mbar	324.88	2017-04-13 03:22:06
SN183892	pressure	Passed	185.70	195.70 mbar	205.70	2017-04-13 03:22:03
SN183891	pressure	Passed	45.17	55.17 mbar	65.17	2017-04-13 03:21:59

ONE PLATFORM FOR ALL YOUR AUTOMATED TESTING NEEDS - LV124 READY!

TEST AUTOMATION | TEST STRATEGY @ WKS-INFORMATIK.DE

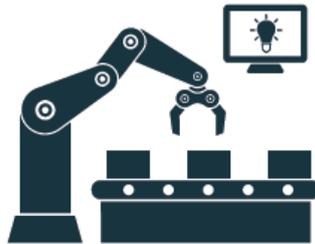
RTStand.com Please also visit our main product website! Send me mail at info@wks-informatik.com.

Based on over 20 years of being National Instruments Alliance Partner (Silver) and relying on a double LabVIEW/TestStand Architect certification, we at WKS Informatik focus on customer success, providing innovative and cost-efficient solutions for industries such as Automotive, Aerospace and RF/Communications, complying with the most challenging software and hardware requirements.

**LV 124 / LV 148
AUTOMOTIVE TESTING**



**INDUSTRIAL
AUTOMATION**



**RF / RADAR
AUTOMOTIVE TESTING**



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