

RTStand

HiL Test and Simulation Platform



WKS
Informatik
Experts in Testing



SELECT
YOUR
SOLUTION!



RF /
Radar



RTStand
HIL - TEST AND SIMULATION



Industrial
Automation

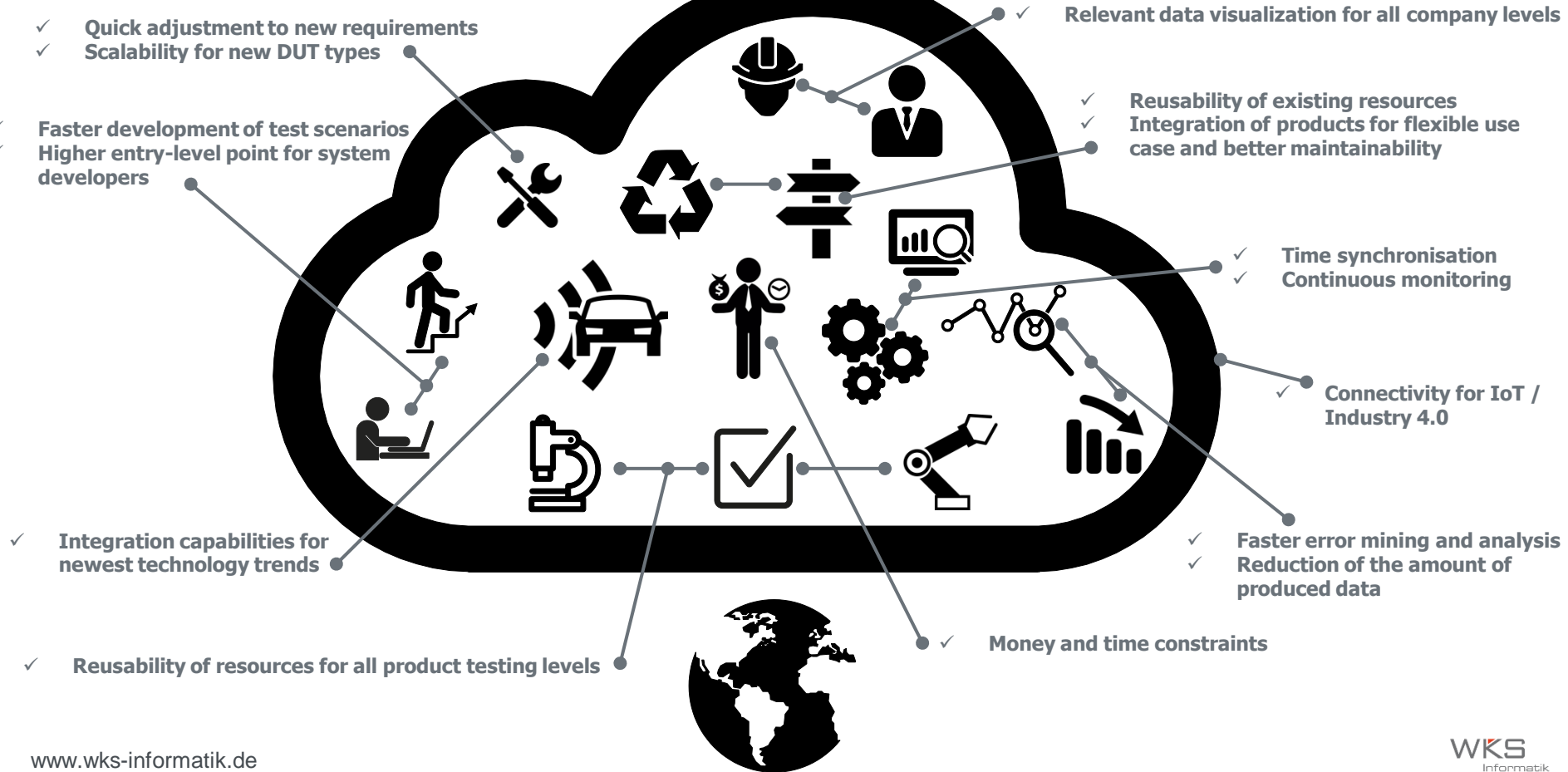


Tube
Analyzer

µfi
Ultra Fast
Interrupter

NATIONAL INSTRUMENTS™ ALLIANCE PARTNER OF 2015/2016
WINNER OF THE NATIONAL INSTRUMENTS™ TECHNICAL INNOVATION AWARD | WINNER OF THE WiR TECHNICAL INNOVATION AWARD!

Common needs for testing

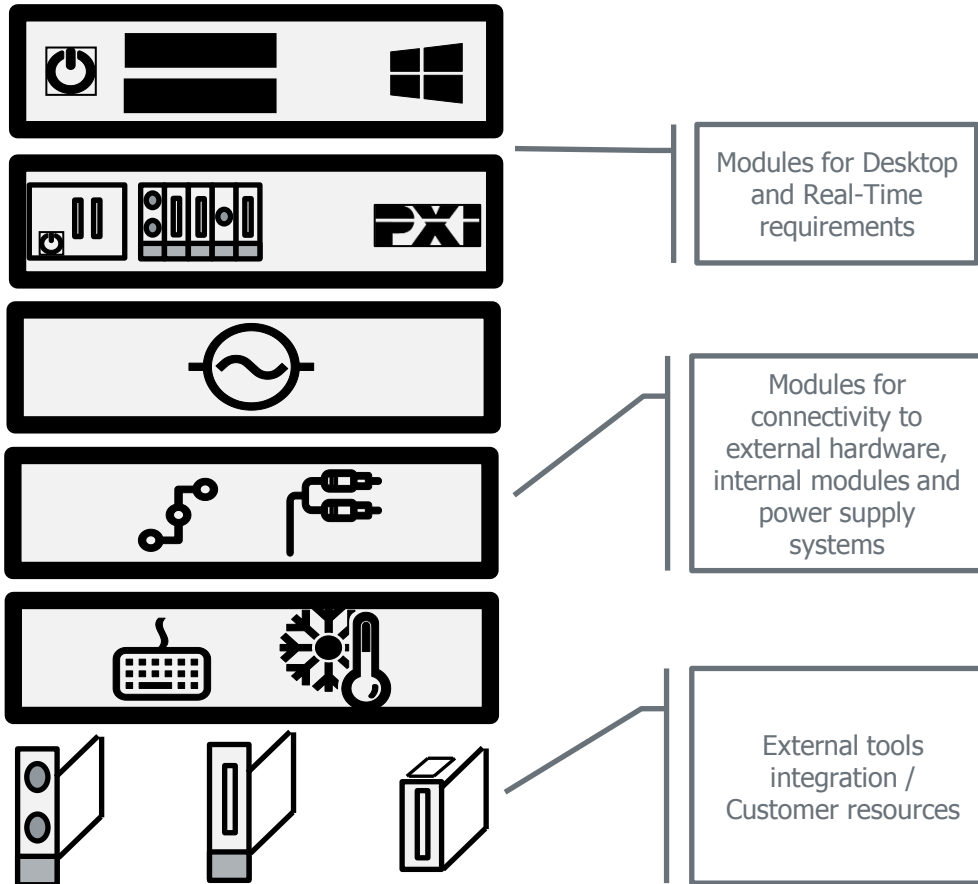


Testing goals:

1. Flexible testing systems through modular design
2. (Re)usage of customer know-how and existing resources
3. Standardization of user experience
4. Enable a higher-entry point in automated testing
5. Use of standard SW and HW components
6. Integration of Industry 4.0 / IoT capabilities
7. Integration of innovative Big Data solutions
8. Integration of Autonomous Driving solutions



RTStand - Modular test setup design



- ✓ **Flexible testing systems through modular design**
- ✓ **(Re)usage of customer know-how and existing resources**
- ✓ **Use of standard HW components**

RTStand - User Interface for NI TestStand



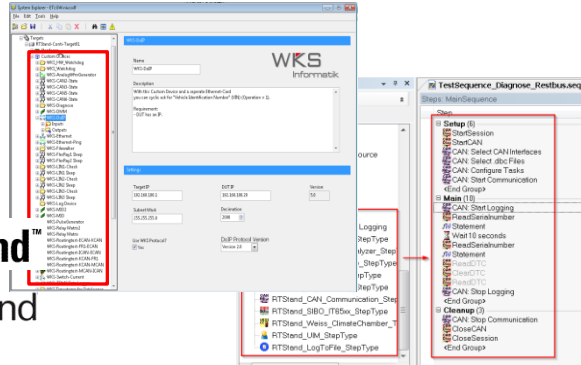
Standard panels for testing overview at runtime

Fully-customizable panels for various testing needs

Reporting panels

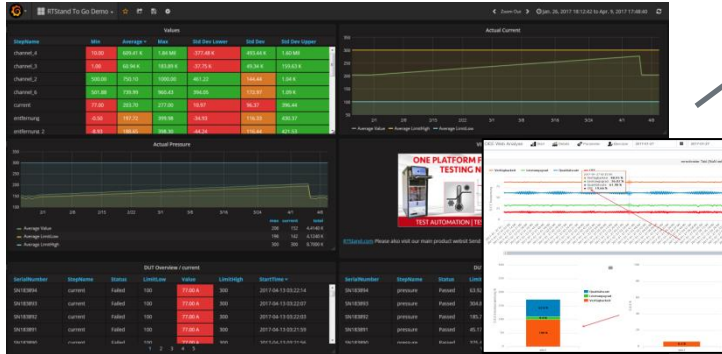
- ✓ Flexible testing systems through modular design
- ✓ (Re)usage of customer know-how and existing resources
- ✓ Use of standard SW and HW components
- ✓ **Standardization of user experience**

RTStand – Higher-entry point for automation



Extensive TestStand
CST and VeriStand
CD Library

- ✓ Flexible testing systems through modular design
- ✓ (Re)usage of customer know-how and existing resources
- ✓ Use of standard SW and HW components
- ✓ Standardization of user experience
- ✓ **Enable a higher-entry point in automated testing**
- ✓ **Integration of Industry 4.0 / IoT capabilities**



Ready-to-use plugins
for Cloud / OEE
requirements



External tools
integration /
Customer resources

RTStand – Innovative LV 124 solutions

Tube
Analyzer



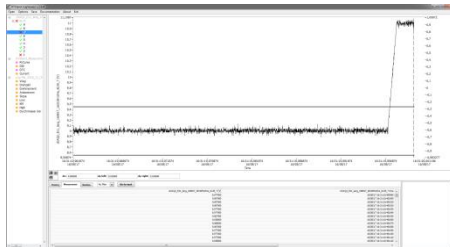
LV 124
Measurement and
Analysis devices

µfi Ultra Fast
Interrupter



LV 124 Switching
solutions

RTStand
HIL - TEST AND SIMULATION



Analysis tools for
faster error mining in
the Big Data world

- ✓ Flexible testing systems through modular design
- ✓ (Re)usage of customer know-how and existing resources
- ✓ Use of standard SW and HW components
- ✓ Standardization of user experience
- ✓ Enable a higher-entry point in automated testing
- ✓ Integration of Industry 4.0 / IoT capabilities
- ✓ **Integration of innovative Big Data solutions**

RTStand – Radar solutions

DIGITAL RTS TECHNOLOGY

ANALOG RTS TECHNOLOGY



NATIONAL INSTRUMENTS
Radar Target Simulator

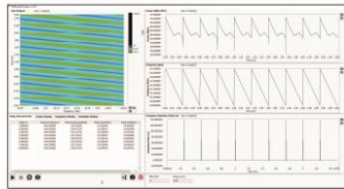


perisens
Radar Target Simulator

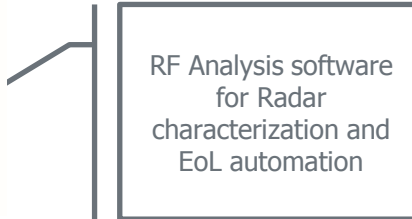


NI VST Technology

RTStand RADAR
HIL - TEST AND SIMULATION



RTStand Radar Platform with
RF Analysis for characterization of Radars



- ✓ Flexible testing systems through modular design
- ✓ (Re)usage of customer know-how and existing resources
- ✓ Use of standard SW and HW components
- ✓ Standardization of user experience
- ✓ Enable a higher-entry point in automated testing
- ✓ Integration of Industry 4.0 / IoT capabilities
- ✓ Integration of innovative Big Data solutions
- ✓ **Integration of Autonomous Driving solutions**

RTStand – Solutions for all product testing levels

Development tests



RTStand GATEWAY

Automated testing systems platform for lifetime, validation, development and LV 124 gateway tests.



Validation/verification tests

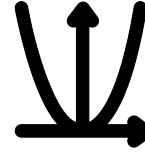


RTStand LV 124

Fully-automated scalable testing platform for LV 124 electrical tests, with many LV 148 capabilities.



Functional tests

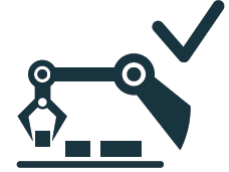


RTStand INDUSTRIAL

Various customer-specific solutions for industrial automation requirements, based on the RTStand platform.

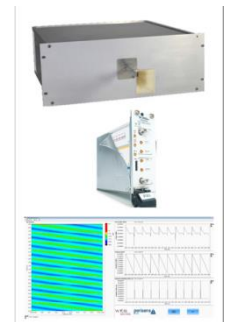


Production/EoL tests



RTStand RADAR

EoL/Production platform for Radar sensors and RF analysis solutions using 24 and 77GHz Radar Target Simulators.



Want to learn more?

Our websites:

www.wks-informatik.de

www.rtstand.com

www.tube-analyzer.com

Our social channels:



<https://www.linkedin.com/company/wks-informatik-gmbh>

<https://www.youtube.com/user/WKSinformatikTV>

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