NOFFZ TECHNOLOGIES

noffz.com

NOFFZ Technologies develops and produces industry-leading test systems and automation solutions for the entire product development process from prototyping and validation to series production. Through the in-house development of a modular test platform, the Universal Tester Platform – UTP, the test solutions from NOFFZ balance flexibility and standardization.

The company was founded in 1989 and currently employs more than 200 people at nine locations worldwide. From its headquarters in Toenisvorst, Germany, NOFFZ supplies manufacturers in the automotive, telecommunications, IoT, consumer electronics, medical technology and semiconductor industries. NOFFZ Technologies is DIN EN ISO 9001 certified.

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NOFFZ TECHNOLOGIES

THE UTP SUITE

ALL-IN-ONE SOLUTION FOR BUILDING MODERN TEST SYSTEM SOFTWARE

FAST › FLEXIBLE › FOCUSED

UTP SUITE

SPEED UP YOUR DEVELOPMENTS WITH OUR MODERN TEST SOFTWARE SOLUTION

Increasing product complexity, centralized test data management and different hardware platforms from different manufacturers – these are typical challenges in test software development for which we offer concrete solutions.

Our modular and reliable test software platform UTP Suite is successfully used in a wide range of industry applications from product validation to production test. It is designed for developers and test engineers, but also covers all the needs of maintenance engineers and operators.

The UTP Suite includes a variety of tools for configuring, developing, analyzing, debugging and executing test sequences. It will help you to speed up your developments while maintaining a consistently high-quality standard.

Our test software solution is based on widely recognized development environments such as NI TestStand, NI LabVIEW, and .NET. Thanks to our know-how from over 30 years of experience, we have succeeded in creating a hardware abstraction layer that serves hardware and software developers equally and improves their collaboration.

You can use the UTP Suite as a complete software solution or purchase only the components you need. For the implementation of your own applications, we also offer our technology as a development platform.

Everything is ready for your immediate development – just open the ready-to-use template and get started!

UTP DASHBOARD

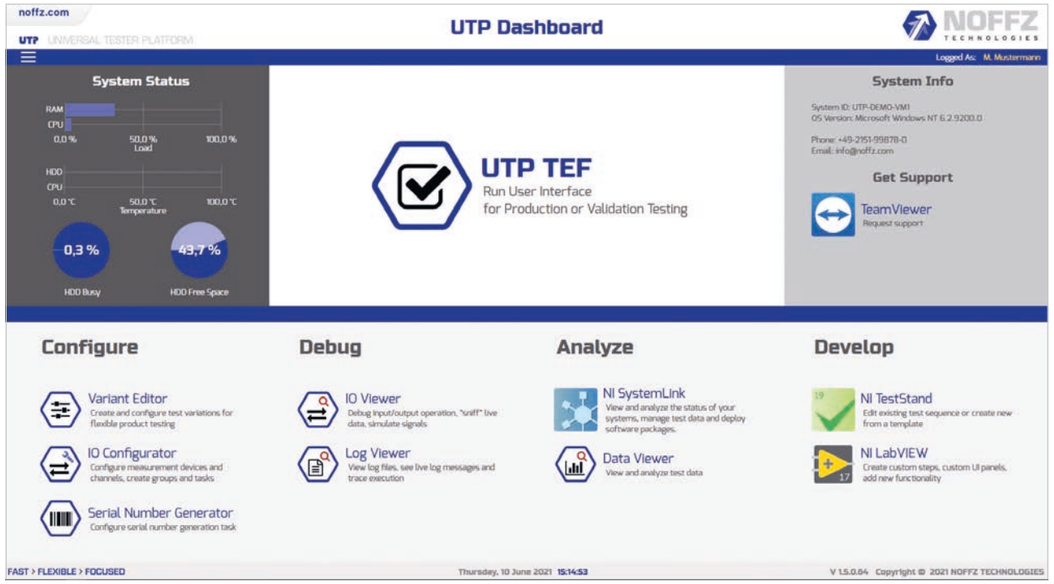
TOOLS AND TECHNOLOGIES READY AT HAND

The **UTP Dashboard** is the starting point for all UTP-based test system software.

Due to its user-friendly structure, the dashboard is very clear and easy to use. It can be quickly and effortlessly customized to meet your specific needs.

The UTP Dashboard features include:

- Quick access to and from special UTP Suite applications and third-party development environments
- At-a-glance view of the system health status
- Easy integration of your individual apps via configuration file
- Prompt problem solving via the support section



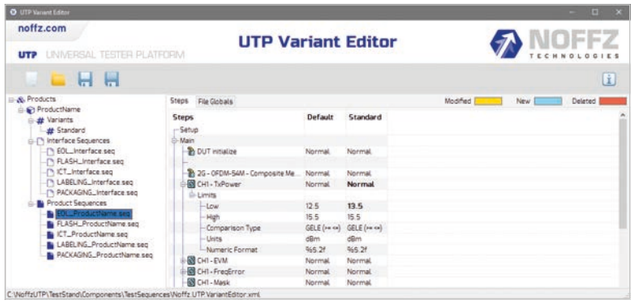
UTP Dashboard: Access all UTP Suite applications by category, monitor system status and get instant support when needed

UTP VARIANT EDITOR

MANAGE PRODUCT VARIATIONS EASILY

The **UTP Variant Editor** is a simple tool that allows for configuring NI TestStand sequences developed within the UTP Template. With the UTP Variant Editor you can easily:

- Manage test phases
- Manage configurations of products and their variants
- Edit test step run modes and limits

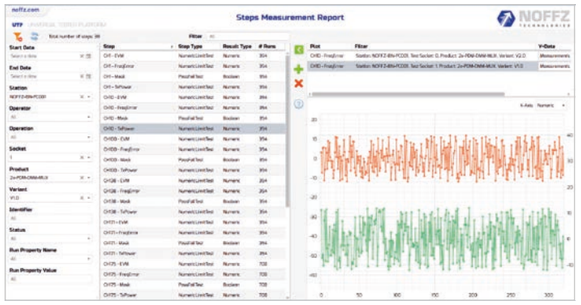


UTP Variant Editor: Configure the entire test process by changing step settings depending on products and variants

UTP DATA MANAGEMENT PACKAGE

ANALYZE TO IMPROVE

UTP Data Management Package is a powerful set of tools for storing and analyzing test results. Configure result recording in a few clicks and work with real-time test data anytime.



UTP Data Viewer: Numerous ways to process and represent data, in one tool

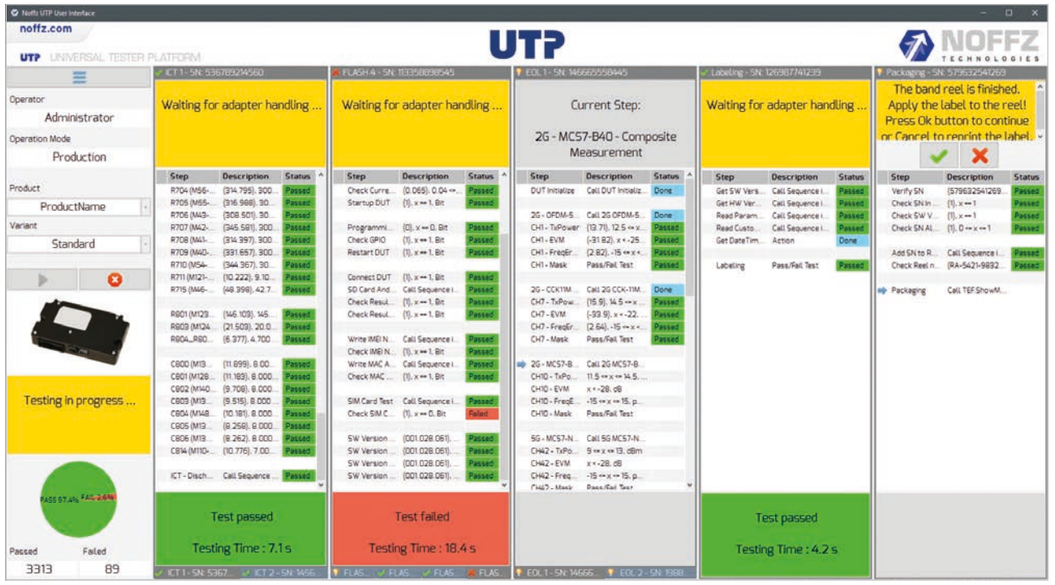
- Automatically record test data from NI TestStand sequence
- Search for specific test results using multiple filters
- Analyze quality and yield across products, variants and test stations
- Check process capability and perform MSA studie
- Generate reports and export data to MS Excel
- Use powerful .NET API, LabVIEW VIs or NI TestStand API for advanced data management tasks or custom integration
- Store and access your measurement data locally or via network

UTP TESTSTAND EXECUTION FRONTEND

THE POWER OF TESTSTAND TAILORED TO YOUR NEEDS

UTP TEF (TestStand Execution Frontend) is a standardized UI for NI TestStand based UTP test systems.
It provides you with the following features:

- Highly flexible and easily configurable window layout
- Accessible via powerful TestStand API
- Built-in user permission management via NI TestStand
- Intuitive monitoring and control of the testing process
- Remote user interface
- Per socket product and variant selection available
- Multi-language support
- Parallel and batch test models support
- Easy selection of pre-configured products for operators
- Debug mode for developers
- Data collection of measurement system analysis



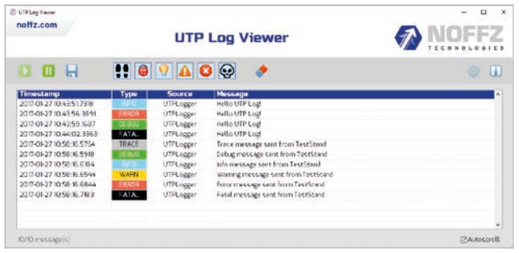
UTP TEF: Multiple sockets and multiple test stations in one window, running independently

UTP LOG PACKAGE

LOGGING ON A WHOLE NEW LEVEL

The **UTP Log Package** is a tiny yet full-featured and flexible set of tools for quick and efficient logging.

Use it for tracking, troubleshooting unexpected behavior, recording program alerts and errors, or for instance logging user actions.



UTP Log Package: All messages in one place in addition to their real targets

Package content:

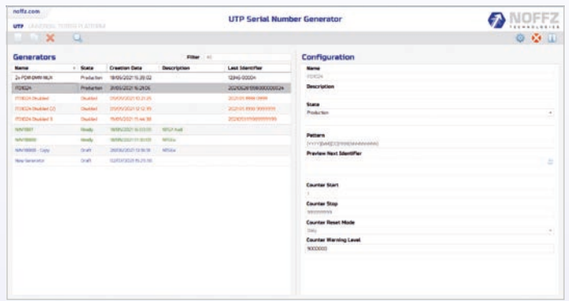
- **UTP Log Configurator** – a powerful configuration utility
- **UTP Logger** – clean and simple LabVIEW and TestStand API
- **UTP Log Viewer** – a lightweight tool for monitoring log messages in real-time

UTP SERIAL NUMBER GENERATOR

TRACEABLE IDENTIFIERS FOR YOUR PRODUCTION

UTP Serial Number Generator is a software package allowing you creating unique serial numbers for your products according to a user-defined scheme. Serial numbers can be created „on the fly", when they are needed, or in advance for a small series production. Serial numbers are then utilized in your production floor with labeling machines, industrial printers and so on.

- Create unique serial numbers when needed or beforehand
- Customize serial number schemes using tokens and static text
- Easily integrate API into NI TestStand, NI LabVIEW, .NET application or any other language
- Reliably track serial numbers generated using search filters
- Automate serial number generation across your stations with client-server architecture
- Stay within your limits by setting up email notifications



UTP Serial Number Generator: Define your serial number scheme and generate identifiers from multiple clients.

UTP IO PACKAGE

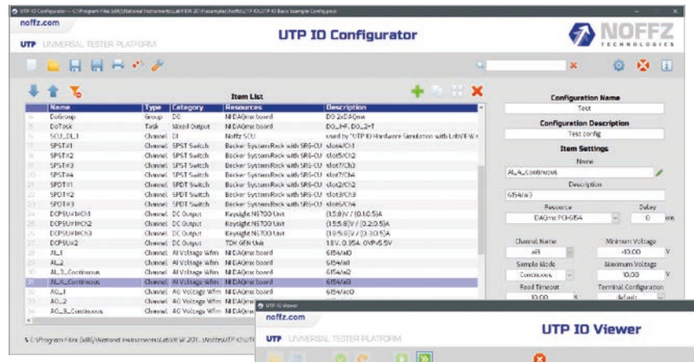
MORE THAN JUST ANOTHER HARDWARE ABSTRACTION LAYER

UTP IO Package is an impressive bundle for working with inputs and outputs. It helps you configure, abstract, swap, interact or simulate hardware - simplifies process of working with hardware. Use the UTP IO Package to:

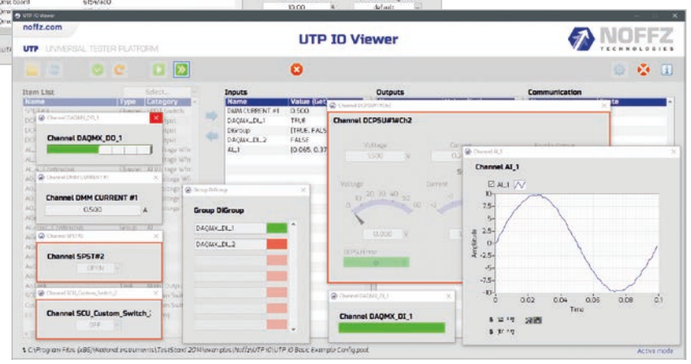
- Hide the details about hardware differences and driver APIs allowing software developers to focus on project specific challenge
- Provide hardware developers with a single software tool for commissioning, i.e., testing hardware components and their connections

Package content:

- **UTP IO Configurator** – easy-to-use, intuitive standalone utility for creating complex hardware configurations
- **UTP IO Viewer** – powerful tool for monitoring and control that allows both hardware and software teams reducing the time required for debugging and testing
- **UTP IO Library** – clean and simple LabVIEW and TestStand APIs from NOFFZ that can work together, a unified program interface to a variety of supported hardware



UTP IO Configurator: Different channels – one tool for configuration



UTP IO Viewer: Monitor inputs and control any type of output