

THE UTP COMPANY

UNIVERSAL SYSTEM-BASED TESTER SOLUTIONS

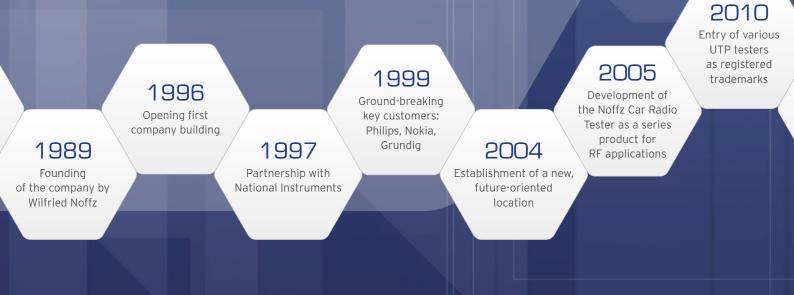
FAST > FLEXIBLE > FOCUSED

A trusting partnership with our customers is the basis of our long-term company success which we have continuously developed for more than 25 years. Since day one it has been essential to us to implement optimally suited solutions for our customers. Only if our clients are permanently satisfied with our services and products, we are satisfied, too.

Wilfried Noffz, Founder and Managing Partner

NOFFZ is known as the "UTP Company". With our Universal Tester Platform concept we combine various types of test and test standards with industry-standard technologies in our products – in line with the motto: "UTP to go". Based on consistent further development and a high degree of innovation we will continue to find answers to our customers' ever increasing challenges. We will achieve shorter implementation times, higher flexibility, and above all lower testing costs. This is something you can be sure of.

Markus Solbach, Managing Director



DEVELOPING > TESTING > MANUFACTURING OUR STRENGTH: COMBINING INDIVIDUALITY AND EFFICIENCY

Regardless of what your requirements might be, we accept the challenge and develop the optimal tester solution you can be fully satisfied with, using a fast, flexible and goal-oriented approach. Our technical know-how in combination with our experience of more than 25 years in hard- and software development makes us unique. NOFFZ is a system integrator for turn-key and innovative measuring & automation systems and provides comprehensive manufacturing services covering almost any field. We are a full-service provider offering the whole range from compact stand-alone solutions to sophisticated complete systems. These are used in manufacturing, servicing, developing and validating your products.

Based on the Universal Tester Platform UTP, we deliver customer-specific test systems worldwide for your entire product creation process. Our application areas range from simulators and hardware-in-the-loop (HIL) in development via validation with continuous operation and run-in test stands to manufacturing with ICT, FCT and vision, haptic, and screening systems – both offline and inline. In cooperation with our international network we increase our capabilities in order to meet your requirements - fast, precisely and providing a comprehensive service also on site.

Beside system integration and our UTP Series portfolio, we have established as a provider of development and manufacturing services. Our versatile range of services comprises individually matched hardware and software products. Our in-house serial production including the manufacturing of complete devices, component assembly, circuit board and cable production as well as control cabinet construction completes our portfolio.



THE UTP CONCEPT FCT/ICT/BST > RF/WIRELESS/MOBILE MULTIMEDIA/INFOTAINMENT > A0I/VISION AUDIO/VIDEO > HIL/SIL > HAPTIC

Across all industries, companies are facing the challenge of having to develop increasingly complex products within increasingly shorter time frames. Along with the growing demands on the products, the requirements on the test systems are growing as well. Frequently, test systems already have to be implemented while the product is still being developed in order to optimise the time-to-market result. This in turn requires flexible and scalable test systems as the ongoing development process might bring about changes in the product and thus also changes in the testing requirements. With the **Universal Tester Platform (UTP)**, NOFFZ has developed a standard adapting to the various requirements due to the software-based approach. Its core is the UTP software framework. Different globally used integrated development environments like NI TestStand, NI LabView or .NET can be easily implemented on one platform.

With regard to our hardware, the combination of modern IPCs and the industry standard PXI allows the parallelisation of tests. This leads to a reduction of the required testing time. The hardware abstract level allows the use of a multitude of devices and instruments regardless of the respective communication interfaces. These features enable our test system to exactly meet the customer's individual requirements.





Test systems & testing facilities

Product development and serial production

RF & wireless solutions / products

NOFFZ

Hard- & software development, test data management

Process & automation technology

Vision, display & LED testing

THE UNIVERSAL

TESTER

PLATFORM

UTP9085

Comprehensive range of services thanks to strong core competencies

The interaction of the software framework with standard hardware components allows the implementation of combined tester solutions ranging from ICT, boundary scans, and function testing to EOL testing. Standard measuring tasks like current, voltage, or resistance measuring as well as audio/video testing, display tests, haptic or RF measurements can be integrated. One platform enables the implementation of offline testers, inline solutions as well as rotary indexing machines or even interlinked tester concepts.

Using the UTP standard leads to a high degree of reusability, resulting in significant cost benefits even for different customer applications.

With our customized and highly innovative test & measuring systems we make a significant contribution to improving our clients' efficiency and quality in development and production.

KNOW-HOW > PARTNER > AWARDS

OUR RECIPE FOR SUCCESS: COMMITTED TEAM. STRONG NETWORK. FOCUS ON CUSTOMERS.

Key figures

- More than 25 years of interdisciplinary, technological know-how
- Globally more than 2,000 integrated NOFFZ tester solutions
- Continuous increase in turnover every year, with more than 15 % since 2011
- > More than 400 customers worldwide
- Certified NI LabVIEW & NI TestStand & Microsoft SQL, .NET developer

Our networking

The close cooperation with our strong partners enables us to expand our range of services so that we can meet our customers' ever increasing requirements on a long-term basis. In order to achieve maximum efficiency and profitability, we combine standardised processes with products from our competent partners and suppliers.

Our awards

- > National Instruments awards
 - Platinum Alliance Partner with recognised RF Wireless & Vision Specialty
 - 'Partner of the Year 2003 and 2013'
 - 'Partner of the Year 2014 Europe'
 - Engineering Impact Award Winner in Austin, Texas 2014 and 2015
- > TÜV certified, ISO 9001:2015
- > Entrepreneur of the Year 2011 (MIT)
- > Long-standing R & S Solution Partner
- > Siemens Solution Partner

and profitability, we combine standardised processes with products from our competent partners and suppliers. шę 20 Platinum R Dr. Truchard, President - National Instruments. 7 NATIONAL INSTRUMENTS Alliance Mr. Gutierrez, Head of Test department - peiker acustic, <u>A</u>P Partner Mr. Solbach, Managing Director NOFFZ Technologies **ROHDE&SCHWARZ** Management System artne ISO 9001:2015 SIEMENS TÜVRheinla PTICIZIEPT www.tuv.com ID 9105011383 em integrators association RTIFIED

CUSTOMER ORIENTATION IN ALL RESPECTS

 Continuous focus on schedules
Quality consistently under control
Cost-efficent thinking & acting
Permanently increasing know-how

> We combine our comprehensive know-how in software, hardware, and product development as well as tester engineering with an interdisciplinary approach and versatile core competencies. What makes us different are our speed and flexibility as well as our customer-oriented thinking and acting. In everything we do, we are committed to our customers, our employees and of course the environment.



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