

Press Release			
MCD Elektronik GmbH Hoheneichstr. 52 – 75217 Birkenfeld Tel. +49-7231 78405-0 – Fax: +49-7231 78405-10 Managing Director: Dr. Thomas Däubler	Ausgabedatum: 10/2025	Seite 1 von 2	
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Rückfragen an: Anja Erler-Szegedi anja.erler-szegedi@mcd-elektronik.de			

MCD Elektronik – Intelligent test systems for safety-critical communication

For over 40 years, MCD Elektronik GmbH, based in Birkenfeld near Pforzheim, has been developing and supplying complex testing and automation technology for electronics manufacturing. Founded in 1983, the company is now one of the most sought-after specialists internationally for customized test systems for electronic and mechatronic assemblies. Its customers include global corporations as well as innovative medium-sized companies that demand the highest quality in their production and testing processes.

The focus is on modular test solutions that reliably test assemblies, control units, and cables—from signal analysis to functional testing of complete systems. The flexible platform concept allows different interfaces, frequency ranges, and technologies to be mapped. This is particularly important in industries where error-free signal transmission and analysis are critical to safety. Whether in law enforcement, emergency services, aviation, construction, or defense, any malfunction can have serious consequences. MCD test solutions ensure the operational readiness of electronic components - robust, future-oriented and 100% made in Germany.

In the field of critical communication, intelligent systems are becoming increasingly important. These systems not only transmit signals, but also contain control functions, embedded components, and programmable electronics. MCD's modular solutions enable comprehensive testing: continuity and functional tests, analysis of active components, high-frequency measurements, and bus communication—all non-destructive. Flexible interface modules, standardized infrastructure, and intelligent software platforms allow new requirements to be implemented without having to redevelop existing systems. Monitoring wear cycles supports predictable maintenance and optimized operating processes.

MCD Elektronik at productronica 2025

Visitors can find out about the latest developments and experience the performance of the systems live in Hall A1, Booth 155. Registration via:

<https://www.mcd-elektronik.de/news/messen/bestellformular-prodelec.html>

MCD Elektronik at productronica, Hall A1, Booth 155

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Headquarters of MCD Elektronik GmbH in Birkenfeld near Pforzheim – for over 40 years a center of excellence for test and automation technology in electronics manufacturing.

Kontakt für die Presse:

Anja Erler-Szegedi, anja.erler-szegedi@mcd-elektronik.de, Tel.: 07231 – 78 405 78