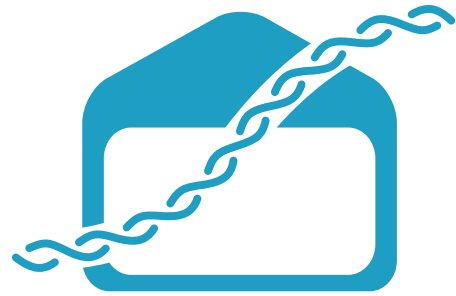


TELEMOTIVE ETHERNET TESTHOUSE

INDEPENDENT VALIDATION.



telemotive
SOFTWARE SOLUTIONS
BY MAGNA

Develop and test your products with us!
With **Telemotive Ethernet Testhouse (TET)** we certify your Ethernet-capable ECUs across all ISO/OSI layers as an independent test laboratory.

Our range of services

- Neutral instance: Independent test laboratory
- All-in-one solution: Tests for all ISO/OSI layers 1–7
- Active Open Alliance member: TC8 conformity
- AUTOSAR conformance tests
- OEM- / Tier1 specific tests

Open
Alliance
TC8
Testing

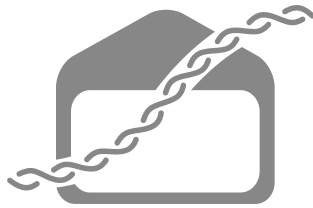
Find out more:

www.telemotive.de or TMO.sales@magna.com

Telemotive Ethernet Testhouse (TET) is our engineering service for the independent validation of your control units. We offer proven in-house processes, tools, laboratories and test infrastructure, which we use as required. Our test house acts as a neutral instance; we serve OEMs and Tier1s alike. With each test execution we provide a test report and a detailed error analysis upon request.

Magna Telemotive – the right partner

- Long-term partnership with OEMs in ECU development
- Well-established engineering service supplier for ECU integration
- Validation and testing of technical devices in the entire automotive industry
- Black-box testing, white-box testing, component tests, customized testing based on your requirements and specifications
- Substantial knowledge of development processes at OEMs & Tier1s



Open Alliance TC8

The TC8 committee defines general test specifications for ECUs and Automotive Ethernet-based networks.

Scope of tests:

- 1 Automotive Ethernet
Layer 1: Physical Layer OPEN Alliance BroadR-Reach (OABR)
Layer 2: Data Link Layer, e.g. IEEE Ethernet MAC + VLAN (802.1Q), ARP
- 2 TCP/IP Protocol Family
Layer 3: Network Layer, e.g. IP, ICMP
Layer 4: Transport Layer, e.g. UDP, TCP, DHCP
- 3 Automotive Protocols
Layers 5–6–7: Application-oriented layers, e.g. UDP-NM, SOME/IP, SD

