

Automotive Test Systems (NDA-safe overview)

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Context

Commercial work in automotive test engineering is described here at a high level to avoid exposing customer details. The focus is on the type of systems and engineering approach, not on specific products or integrations.

What the systems do

Signal switching and routing for multiple ECUs, controlled power and programmable loads, and automated validation workflows. Emphasis is placed on traceability of requirements, test artifacts, and results, as well as repeatable test execution.

Notes

Detailed architecture, interfaces, and customer-specific configurations are restricted by NDA. A deeper dive is possible in a suitable format when permitted.