

Mobile and Digital Assessments with TÜV NORD Onboard Car Diagnosis (OBCD)

Less risk, more trust.

<5 min

PER FUNCTION,
ON SITE

4 in 1

ONE-TOOL SOLUTION

44%

WANT A BATTERY
CERTIFICATE

1 of 6

CARA-CERTIFIED
PROVIDERS IN
EUROPE

100%

AUDIT-PROOF
REPORTS

TÜV NORD is digitizing its vehicle assessments with TÜV NORD Onboard Car Diagnosis (OBCD) – in a strategic partnership with Carly. The app-and-adapter solution fully reads out fault memory, mileage, and VINs, deletes personal data, and evaluates battery health (SOH) – each function in under 5 minutes, without moving the vehicle.

1 EXECUTIVE SUMMARY

All results are delivered automatically as PDFs to users and as raw data to TÜV NORD's IT systems – encrypted from the **TÜV NORD data center in Hanover (TISAX / ISO 27001 / EN 50600 certified)**.

With the introduction of OBCD, error sources were reduced significantly and transparency toward end customers increased massively.

2 THE CHALLENGE



No mobile, cost-efficient system

Standard solutions are too expensive per user, too bulky for mobile use, and too slow for stations.



Lack of digital vehicle data

Without digital diagnostics, the vehicle picture stays incomplete – assessments remain superficial and contestable.



No reliable EV assessment

For batteries – which alone account for up to 60% of a vehicle's value – there was no comprehensive, reliable assessment solution.

3 SOLUTION: THE ONE-TOOL SOLUTION

01 Fault Memory Analysis

"Condition monitoring and assessment of used cars via the OBD interface."

Active and historical fault codes from all OBD-accessible control units – structured by system group.

02 VIN Check & Mileage Verification

"Verification of the mileage and the authenticity of the vehicle identification number."

Mileage plausibility across multiple control units – manipulation indicators are documented.

03 Data Cleansing

"Privacy protection through GDPR-compliant cleansing of digital user data."

Cleanses infotainment, comfort, and connectivity modules – with documented compliance proof.

04 TÜV NORD BatteryCheck

"Read out battery data via the diagnostic interface (OBD port) in minutes and evaluate the SOH (State-Of-Health)."

CARA-certified – TÜV NORD is one of an exclusive circle of six recognized providers across Europe.

"44% of used-car buyers with BEV experience want a battery certificate."
(Source: DAT Report 2025)

"The Onboard Car Diagnosis solution offers an innovative way to assess vehicle condition easily and reliably. The collaboration with Carly enables us to advance digital vehicle diagnostics and make it accessible to our end customers – car dealers, fleet managers, workshops, insurers, and assessors. We are delighted to have Carly as a strong partner at our side."

HARTMUT ABELN | MANAGING DIRECTOR, TÜV NORD MOBILITÄT

See OBCD live?

Every check delivers a unique, audit-proof PDF report – independent of workshop and manufacturer.

Demo & consulting:
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