



EV CHARGING VALIDATION

ChargeLink product brief

A repeatable, software-defined EVSE counterpart for EVCC, OBC, vehicle, charger, and xIL teams.

ISO 15118

DIN 70121

EVSE simulation

Campaigns

Vendor-agnostic engineering software

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Validate charging communication with repeatable context

ChargeLink combines software-defined EVSE behaviour, charging communication diagnostics, scenario and campaign execution, configuration control, and reviewable result context.

EVSE counterpart

Configure a controlled charging counterpart for repeatable system-under-test behaviour.

Protocol diagnostics

Keep charging-session states, messages, timing, and failure context connected.

Campaign execution

Reuse scenarios and configurations across variants, builds, and regression runs.

Reviewable results

Present outcomes and context so engineers can investigate and compare runs.

Product role

ChargeLink addresses the EVSE simulation and charging communication software workflow. Physical power equipment, communication interfaces, measurement, safety systems, and target hardware depend on the customer environment.

Vendor-agnostic deployment

ChargeLink is not tied to one HIL platform. It can be evaluated with existing xIL and laboratory environments. ALIARO xMove is available through DEVlink collaboration where it is a suitable platform choice.

Evaluation principle

Begin with one representative EVCC or OBC scenario, available interfaces, the expected EVSE behaviour, protocol scope, diagnostic needs, and clear acceptance criteria.

Questions for a technical evaluation

- Which EVCC, OBC, vehicle, or charging controller is under test?
- Which ISO 15118 or DIN SPEC 70121 scope must be demonstrated?
- What communication and physical interfaces are available?
- Which existing xIL platform, lab equipment, and automation environment must be retained?
- What failed-session context must be visible to the engineering team?

Discuss a focused ChargeLink evaluation with DEVlink.

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