



Conducting End-2-End Compliance Testing

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Electric Vehicle Charging Infrastructure



End-2-End testing of Electric Vehicle (EV) charging infrastructure is important contributing to a flawless charging experience for EV drivers with interoperability as a key element

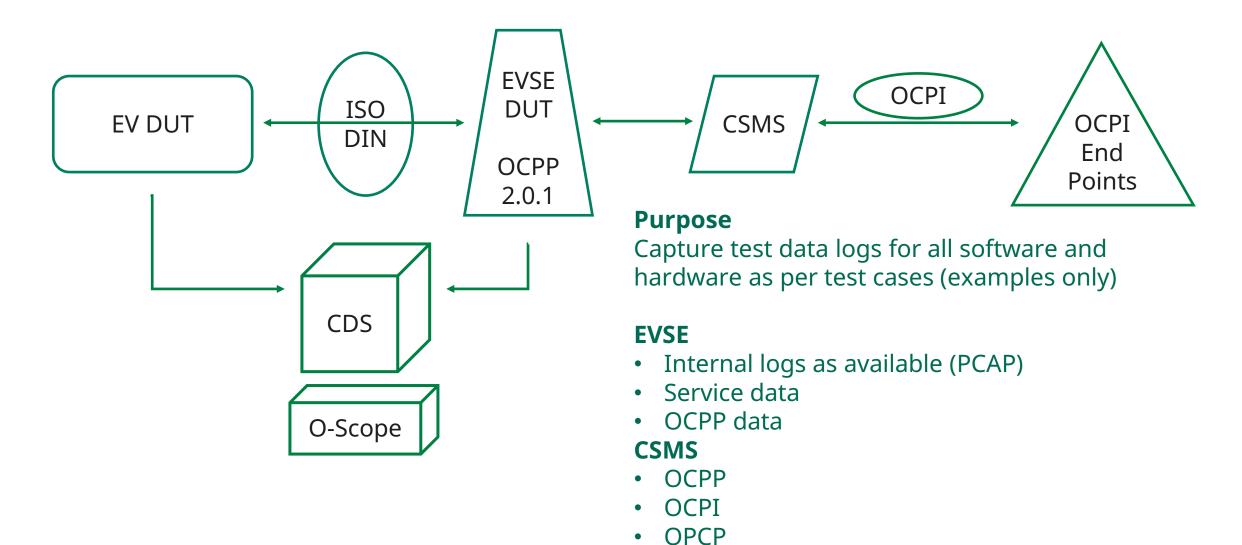
Combined Charging System (CCS) Basic conformance tests and issue the CCS Basic certificate for charging stations, will help to improve interoperability in the field and significantly enhance the charging experience for users

End-to-end testing of EV charging infrastructure, including testing the secure communication between the EV, the charging station, and the back office is necessary in the early stages of development and deployment

Issue recognition and resolution during End-2-End will help improve the standards and the conformance test programs long forms.

Considering the Elements in the Test Chain

Example only – Can be more rigorous of less depending on the needs of the test conditions

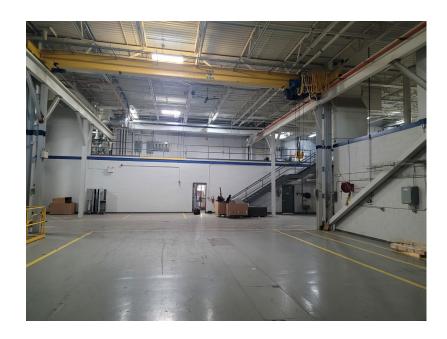


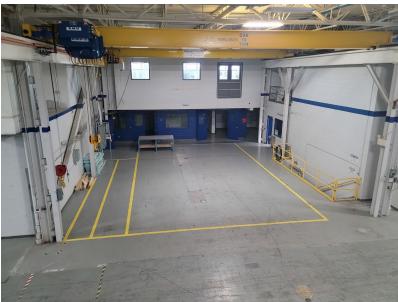


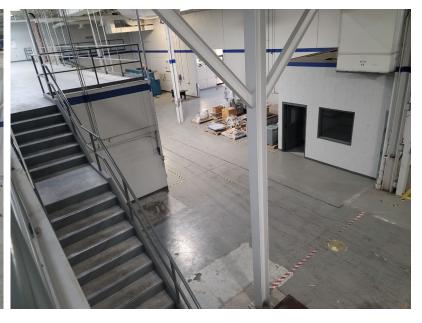
Facility Capabilities and Space

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DEKRA Plymouth Technical Space







Large open areas & ability to configure for purpose-built systems and test environments

IT capabilities enabled for guests and clients

Ample power and power distribution to support large EV charger projects

Cranes, forklifts make heavy equipment moving less challenging



