EVSE Product Lifecycle supported by comemso product platform

comemso

1 Design & Engineering

- Risk analysis (ISO 12100)
- Safety concept & architecture
- compliance planning to IEC 61851-23

ComOnly

2 Type Testing & Verification

- IEC 61851-23 tests
- Functional & safety tests
- Environmental & mechanical tests
- Conformance tests
- EMC tests

EVCA/ EMC Link

3 Manufacturing

- Production control
- Component quality
- Routine tests & inspection
- Traceability
- Module D test & calibration

EOL / EOL HPC

4 Installation & Commissioning

- Site assessment
- Correct installation
- Earthing & protection check
- Commissioning & test

Ultimate

5 Operation

- Safe energy transfer
- Monitoring & diagnostics
- User information & indication
- Data logging (events)
- Calibration & billing accuracy

Calimera

6 Interoperability

- Robustness in communication
- Charging reliability with different vendors

Interop / Multi Mobile

7 Service & Maintenance

- Inspection
- Preventive maintenance
- Firmware & software updates
- Spare parts management
- Performance verification

Ultimate

comframe
„Standard and Conformance Tests"

EVCA ComOnly

EVCA Flex
with IEC 61851-23

Easy Chester
EOL
EOL HPC

EVCA
EMC Link

10+ years Product Lifetime

VDE/GMP6.8, OIML G22, NIST HB-44

Easy Chester
Calimera

Easy Chester
Ultimate

EVCA
Multi Mobile

EVCA
Interop

"Interoperability Tests and Analysis" with comframe