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Final Conference

14 - 15 September 2022
Hamburg (Germany)

SMART PEOPLE – SMART ECONOMY – SMART CITIES



Smart Personal EV Charging service

14/09/2022

SALUSFIN (SAL)

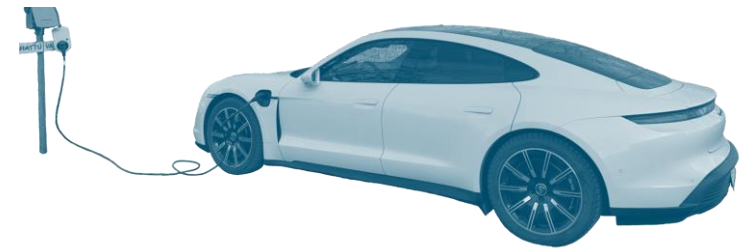


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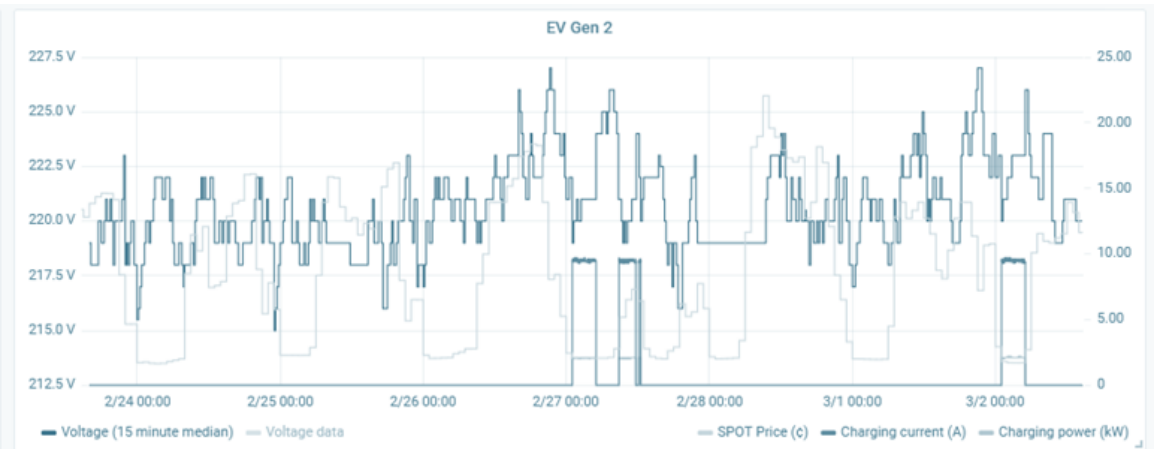
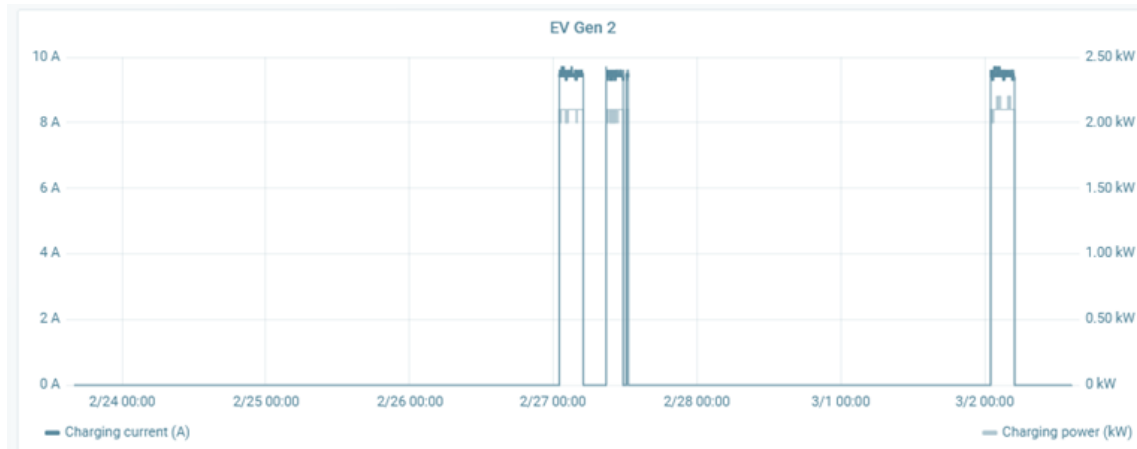
Smart personal EV charger

- Sustainable EV charging:
 - electricity spot market prices
 - EV battery capacity
 - EV battery charge level
 - allowed (maximum) charging point load
 - time available for charging process
- Automatic EV charger control
- Access to real-time data sources
- Salusfin APP integration
- Multilingual and user-friendly



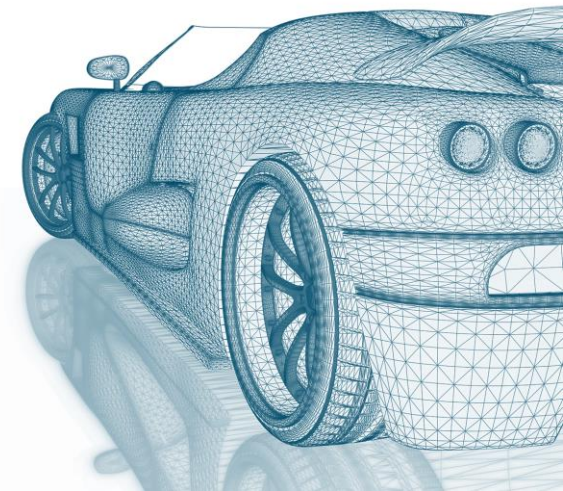
EV charging / Data

- Timeseries data being collected
- MQTT server with secure websockets
- Raw data storage



EV charging / Charging optimization to consider

- Daily driving routine
- the car model, battery size, onboard charger
- various cost models due to different pricing of electricity contracts.
- connectivity between the car parking and the house
- ISO/IEC 15118 for AC charging
- OCPP -> more chargers to be supported



Thank you for your attention!

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