

Offer the best EV parking experience and the benefit of a future-proof solution to generate new revenues

eMobility solution for car parks

“I want to get a scalable EV-charging solution fully integrated in my parking lot to offer visitors a one-stop service.”

With EcoStruxure for eMobility, parking and EV-charging offer a fully integrated one-stop service for visitors increasing customer satisfaction and generating new revenues at the same time. The combination of high-quality chargers, flexible and scalable solutions and Schneider Electric load management expertise can help you start and quickly grow your own EV-charging business.

EVlink Pro AC

- Wall-mounted or pedestal charging stations with possibility of metal enclosure
- Certified to the highest electrical standards
 - Robust design for outdoor or indoor installations (IP55/IK10)
 - Embedded precision metering (MID meters)
 - RFID/NFC reader for user authentication
 - Interoperability with supervision systems (OCPP 1.6-J)

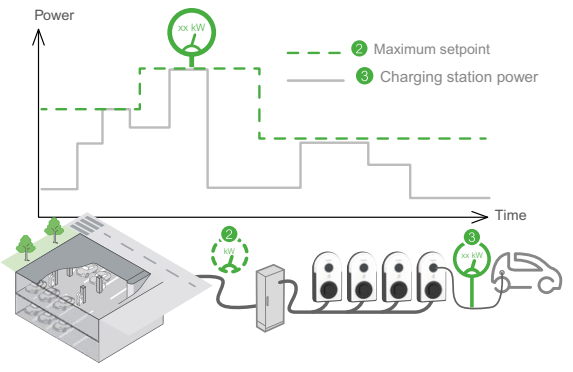
Canalis™

- Decentralized electrical distribution with trunking system for EV chargers for indoor parking
- Scalable system
 - Easy access to protections (MCB and RCD)
 - From 100 A to 1000 A
 - Reduced installation time without power switch-off
 - Cost-effective from the installation of 5 chargers



EcoStruxure™ EV Charging Expert

- Load Management System
- Dynamic distribution of available power among chargers
 - On-peak/off-peak hours EV charging management



Cloud-based supervision and parking management system integration

eMobility solution can be connected to Charging Station Management System - Schneider Electric or third party - and integrated into parking system managing user access, payment, and more.



EcoStruxure™ EV Advisor



Parking Management System

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►► For car park owners:

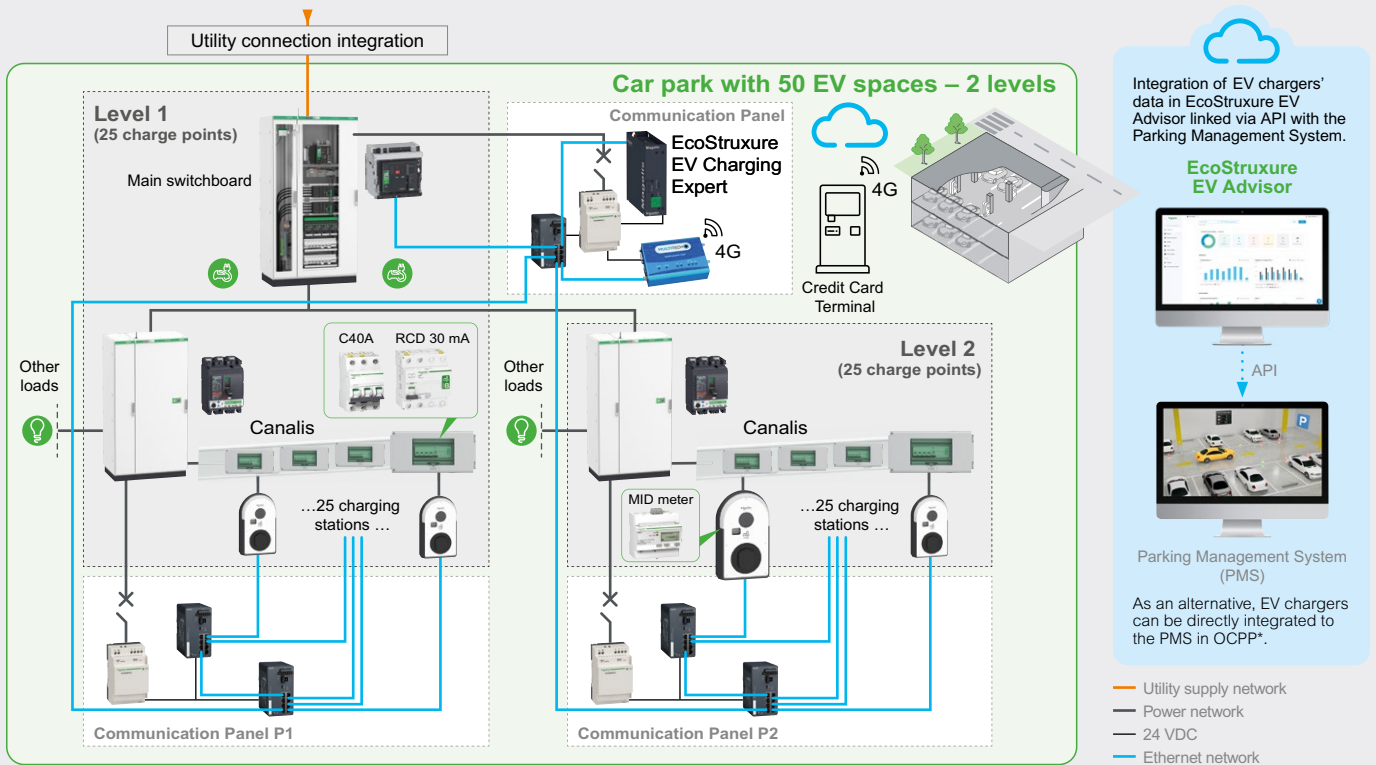
- Compliance with local regulations
- Minimize development costs
- Offer an EV service as a path to sustainability
- Get a modular, flexible and scalable charging infrastructure ahead of future needs



►► For car park operators:

- Attract EV drivers and create an additional revenue stream
- Offer visitors a one-stop service
- Optimize power availability and reduce energy costs
- Integration with parking management system
- Get technical support and services for your EV infrastructure

Charging infrastructure for an underground car park with two EV zones



* Find out more details in our Design guide for Building applications.

Key Products

Products used	
Charging station	Description
EVlink Pro AC	1- or 3-phase - T2/T2S sockets – with/without attached cable -
Embedded MID Meters	16 A/32 A - 7.4 kW/11 kW/22 kW
Load management system	Description
EcoStruxure™ EV Charging Expert	Local load management system for EV infrastructures
4G router and switches	Network devices to provide independent 4G/3G Internet access
Power distribution	Description
Acti9 MCB	Miniature circuit breaker to protect against short circuits and overcurrent faults
RCD A-SI Type or RCD B EV Type	Earth leakage protection compatible with EV charging station
Canalis™ busbar	Decentralized electrical distribution with trunking system for EV chargers for indoor parking
PrismaSeT Panel switchboards	Latest-generation functional system or low-voltage switchboards

> For detailed information refer to the EcoStruxure for eMobility catalogue

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