Transition your fleet to net-zero transportation

eMobility solution for light commercial vehicle depots

"I want to decarbonize my fleet operations and transition to electric vehicles while making certain the fleet is always charged and running on schedule."

Benefit from a reliable and scalable charging solution combining a line-up of high-quality chargers from 7kW AC to 180kW DC, tailored electrical distribution, and Schneider Electric's load management expertise.

EVlink Pro DC
Fast charging: 180kW dual connectors

- Certified to the highest electrical standards
- Dynamic load balancing between vehicle connectors
- Robust design for outdoor or indoor installations (IP55)
- Authentication: RFID/NFC reader or auto-charge (vehicle recognition by MAC address)
- Interoperability with supervision systems (OCPP 1.6-J)
- Repairable product, Green Premium labeled
- Worldwide network providing on-site service for commissioning and maintenance

Electrical distribution
Tailored for EV infrastructures

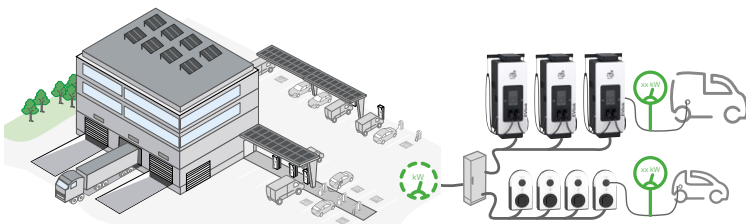Canalis™ busbar trunking system for indoor EV infrastructure

PanelSeT SFN Floor standing for outdoor installation

BlokSet range

EcoStruxure™ EV Charging Expert
Load Management System

- Dynamic distribution of available power among chargers
- On-peak/off-peak hours EV charging management
- Monitoring and control of loads based on open protocol (OCPP 1.6-J)

eMobility solution

can be connected to a cloud-based supervision (Schneider Electric or 3rd party) and integrated into a fleet management systems via API.

EcoStruxure™ EV Advisor

Fleet Management System

se.com/emobilitysolutions

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eMobility solution for light commercial vehicle depots
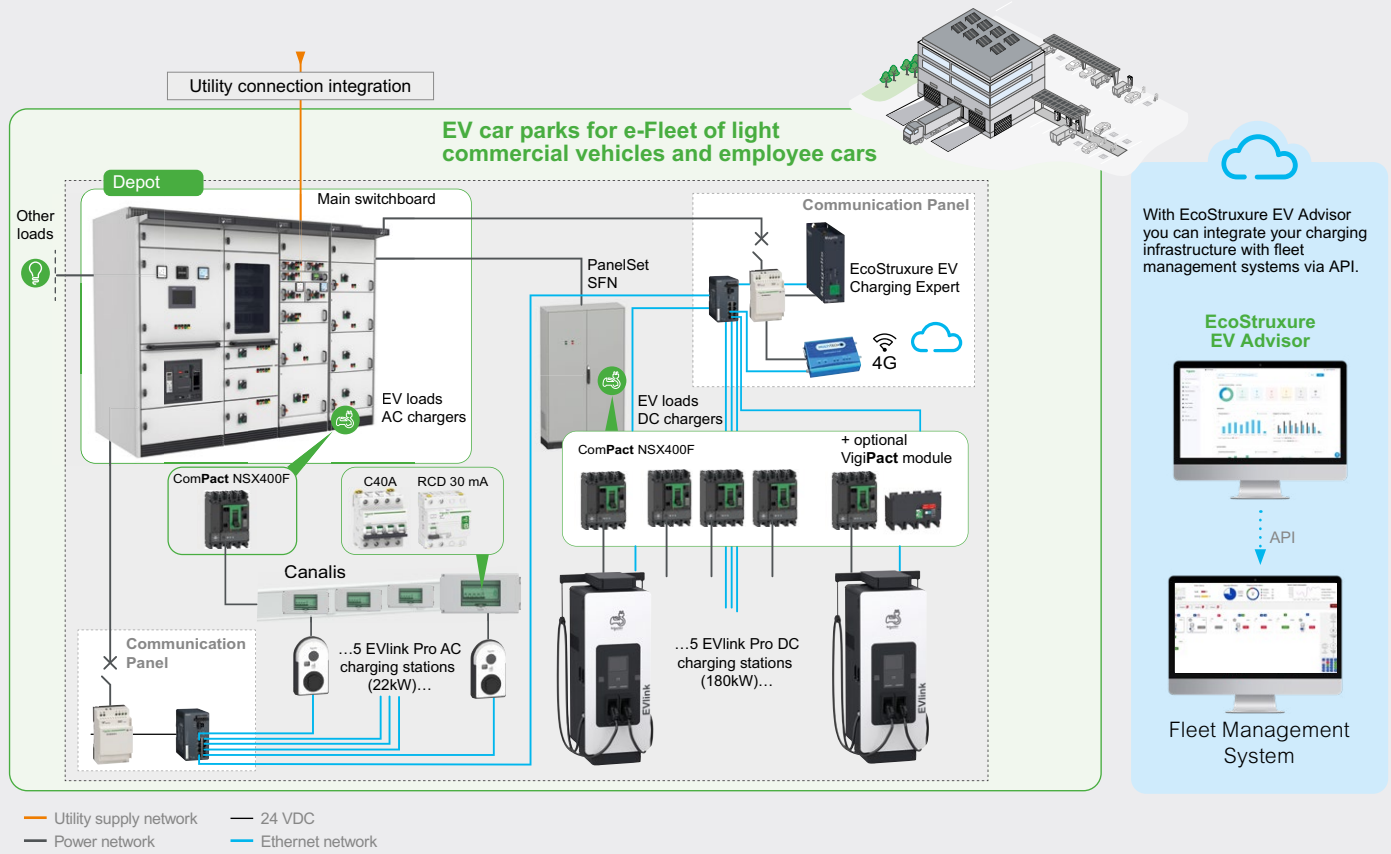
For fleet managers:
- Decarbonize operations and start the journey to net-zero transportation
- Make certain the fleet is always charged and running on schedule
- Get a modular, flexible and scalable charging infrastructure to anticipate future needs

For building owners/managers:
- Install charging infrastructure without compromising building processes
- Comply with new regulations
- Optimize power availability and energy costs/energy consumption
- Deploy lasting protection of the system using PanelSeT SFN

Charging infrastructure for a depot with AC and fast DC chargers

Utility connection integration

EV car parks for e-Fleet of light commercial vehicles and employee cars

Depot

Other loads

Main switchboard

Communication Panel

PanelSet SFN

EcoStruxure EV Charging Expert

4G

With EcoStruxure EV Advisor you can integrate your charging infrastructure with fleet management systems via API.

EcoStruxure EV Advisor

EV loads AC chargers

EV loads DC chargers

ComPact NSX400F

ComPact NSX400F

+ optional VigiPact module

C40A   RCD 30 mA

Canalis

API

Communication Panel

…5 EVlink Pro AC charging stations (22kW)…

…5 EVlink Pro DC charging stations (180kW)…

EVlink

EVlink

Fleet Management System

— Utility supply network   — 24 VDC
— Power network   — Ethernet network

Key Products

Schneider Electric Solution	
Charging Station	**Description**
EVlink Pro AC - 16A/32A - 7.4kW/11kW/22kW EVlink Pro DC – 120 to 180kW	1- or 3-phase - T2/T2S sockets – with/without attached cable. Fast charging station – CCS type2/CHAdeMO - Multi cable length
Load Management System	**Description**
EcoStruxure EV Charging Expert	Local load management system for EV infrastructures
4G router / Switch	Network devices to provide independent 4G/3G internet access
Power Distribution	**Description**
Acti9 MCB for AC and ComPact NSX for DC	Circuit breaker to protect against short circuits and overcurrent faults
RCD A-SI Type or RCD B EV Type for AC ComPacT NSX400F + VigiPact add-on for DC	Earth leakage protection compatible with EV charging station
Canalis™ busbar (optional)	Decentralized electrical distribution with trunking system for EV chargers for indoor parking
PanelSeT SFN	Floor standing modular electrical enclosure, specially designed and tested for outdoor installations.

> For detailed information, refer to the eMobility catalog

www.se.com/emobilitysolutions

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