Unlock the full potential of your EV infrastructure

eMobility solution for a large EV infrastructure combining public and private usage

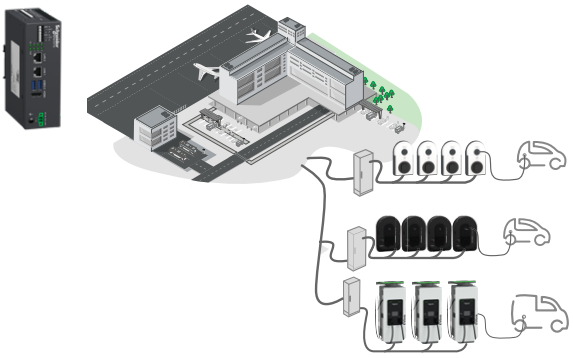
"I want a solution that can power a large number of chargers without tripping the installation."

Schneider Electric provides a comprehensive end-to-end solution enabling Building Managers and Charge Point Operators to offer EV charging for a large number of vehicles across different parking lots applications, while making the most of on-site power and optimizing energy usage.

EcoStruxure™ EV Charging Expert

EV Loads Management System

- A single solution to manage up to 250 charging stations
- Dynamically allocate the optimal power to each charger to optimize energy usage, including possible time-of-use scenario
- Stand-alone solution or that can be connected to a supervision system via OCPP
- Badge management including user prioritization
- Offers API integration with Building or Energy Management Systems (BEMS)
- Integrated photovoltaic (PV) production monitoring capability



Schneider Electric charging stations portfolio

Our AC and DC ranges offer power rates from 22 kW to 720 kW adapted to all environments

Schneider Electric AC charging station ranges are easy to install, operate, monitor, and maintain through digital capabilities.

- **EVlink Pro AC:** a flexible solution for Commercial and Industrial buildings
- **Schneider Charge Pro:** a simple solution adapted to public or private applications

Schneider Electric's new generation of DC chargers offers a robust, simple and efficient charging experience for EV drivers, operators and installers.

- **EVlink Pro DC 60 v2:** a public-ready charger designed for at-destination charging
- **EVlink Pro DC 180 v2 and EVlink Pro DC 320:** provides maximum uptime even in tough environments
- **EVlink Pro DC 720:** a modular and flexible solution for ultrafast charging

Electrical distribution

A world leader in the electrical distribution equipment industry, Schneider Electric provides a complete solution for installing and helping to protect the EV infrastructures. This solution includes meters and different protections and can be powered via traditional wiring with switchboards or the Canalis decentralized system for indoor or outdoor usage.

se.com/emobilitysolutions

Schneider Electric

eMobility solution for a large EV infrastructure combining public and private usage

For Charge Point Operators:

- Continuity of service
- Business opportunity to manage large EV parking lots
- Wide power range of connectable EV chargers from 7.4 KW AC to 720 kW DC

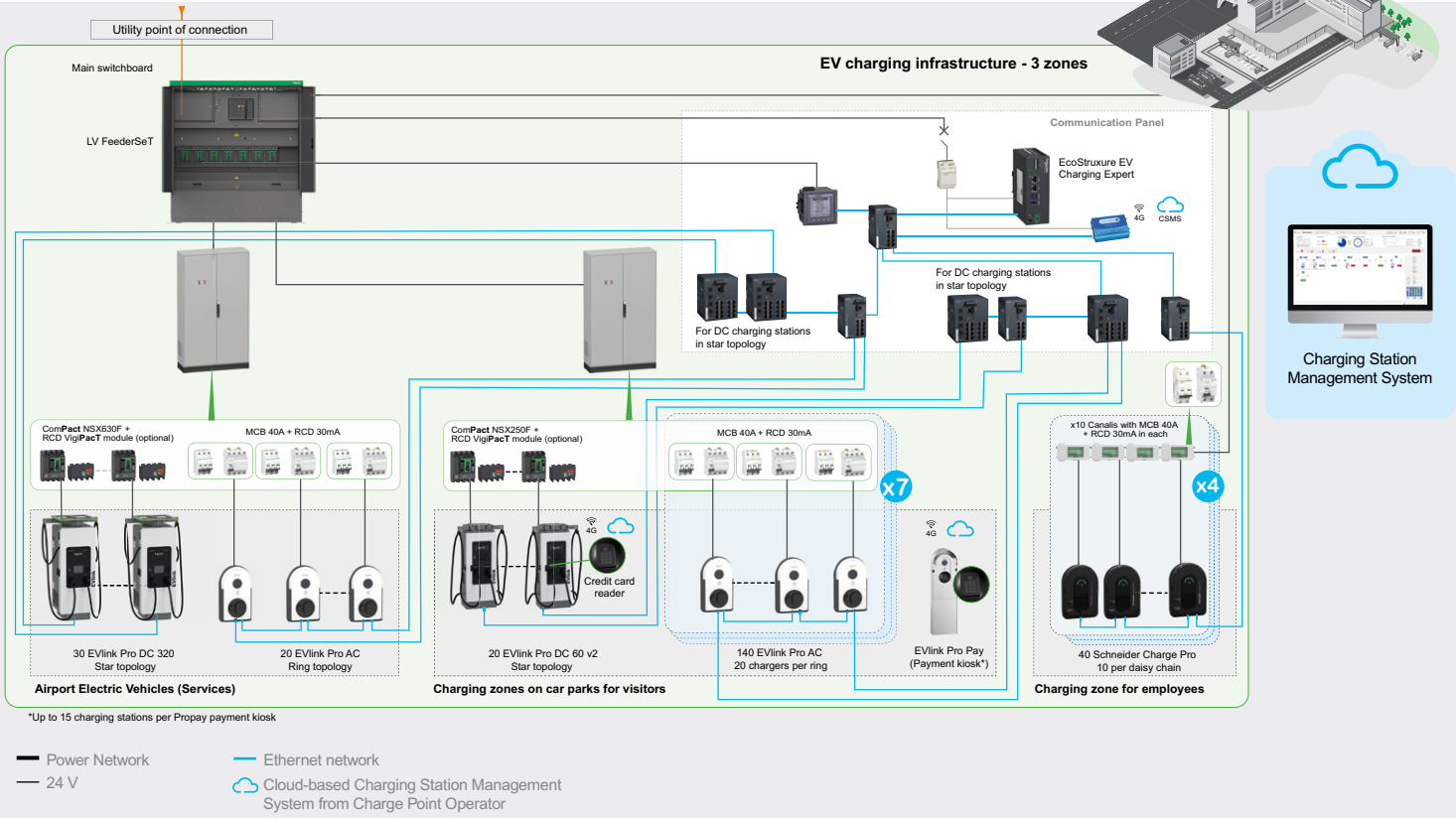
For Electrical Contractors or System Integrators:

- Easy integration with Charging Station Management Systems (CSMS)
- Efficient tools for diagnostics and Schneider Electric expert back-up

For Building Managers:

- Peace of mind thanks to the energy management function
- Large quantity of EV charge points available to visitors
- Scalable infrastructure with limited impact on electrical distribution

Example of architecture for an airport with 250 charge points distributed across 3 EV charging zones



Key Products

Schneider Electric end-to-end solution	
Charging Station	**Description**
EVlink Pro AC	AC charging station with/without embedded MID or/and 4G modem. Metal kit available for outdoor installation
Schneider Charge Pro	AC charging station with or without embedded MID or/and 4G modem
EVlink Pro DC 60 v2, 180 v2 or 320	New DC fast-charging range with/without cable management system and with/ without embedded credit card reader
EVlink Pro DC 720	A new decentralized DC charging system that delivers up to 720 kW via 2 types of power cabinets (30 kW or 40 kW power modules) across 6 dispensers available with/without cable-management system and with/without credit card reader
Load Management System	
EcoStruxure EV Charging Expert	EV Load Management System up to 250 chargers per license: HMIBX1A0NEVB100SCP
Power Distribution	
LV FeederSet cabinet	Outdoor and indoor switchboards with advanced molded case and air circuit breakers for assemblies up to 5000 A.
Electrical protections	Depend on the EV charging station power rate

> For detailed information refer to the eMobility catalog

www.se.com/emobilitysolutions

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