CIRCONTROL
Mobility & eMobility

Dynamic Load Management

(DLM) Software

Make simultaneous EV charging
easier, faster and cheaper

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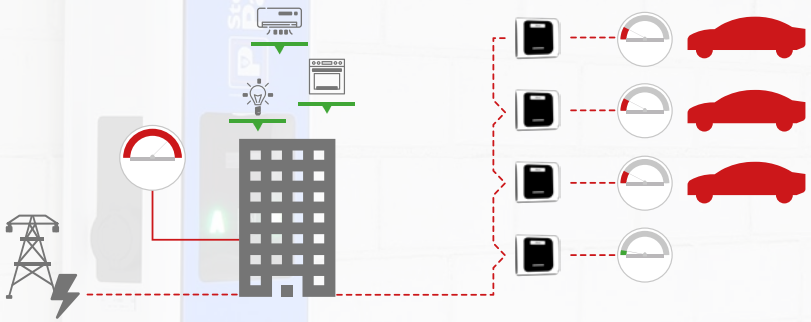
Main problems

EV drivers want to charge their vehicles faster, especially in public and semi-public spaces, while charging service providers want to reduce their costs. The constant growth in EV charging creates new challenges:

- How to avoid overloading the grid and causing power cuts.
- How to minimise the investment required to upgrade installations.
- How to set up an EV charging system capable of simultaneous charging.

This situation requires an intelligent system to manage the charge and this is where Dynamic Load Management (DLM) comes in.

▶ **WITHOUT DYNAMIC LOAD MANAGEMENT**
Main Supply Overload

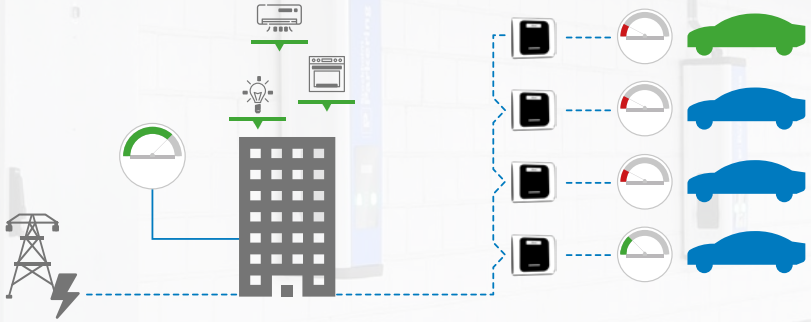


Try DLM solution

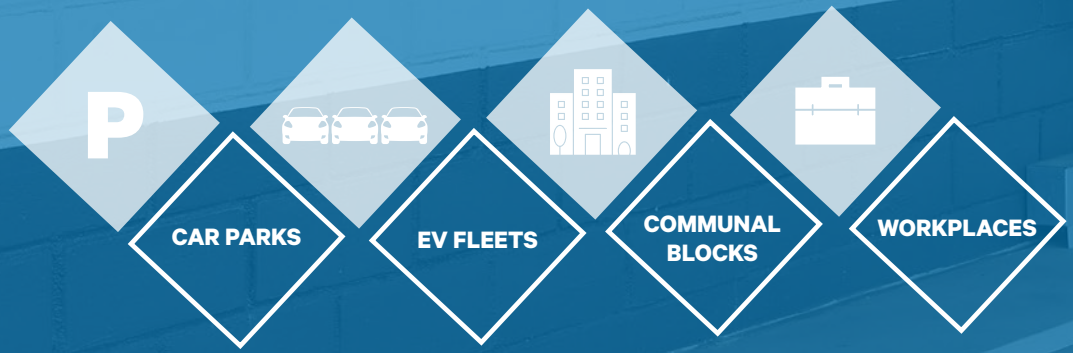
Dynamic Load Management (DLM) is a software-based solution designed for managing energy when several charging stations work simultaneously. DLM allows for charging several EVs simultaneously in the most efficient way by using the remaining available power dynamically and balancing it between the EV chargers. It also allows increasing the number of charging stations without increasing the contracted power.

Therefore, DLM could be installed on sites where the electric installation is fully allocated to electric vehicles or on sites where another facility is sharing the maximum available power.

▶ **WITH DYNAMIC LOAD MANAGEMENT**
Main Supply protected



Designed for:



Product highlights:

- **OCPP ready:** Chargers can be controlled by a back-office system.
- **EV charging status:** Remote monitoring of charge points.
- **User RFID authentication:** Increase the security of the system with RFID tags.
- **Power monitoring:** Remotely check all power consumption from your installation in real time.
- **Offline operation:** In case of network communications problems, the system is able to keep charging.
- **Building energy monitoring (optional):** It measures the power consumed by the building and DLM dynamically adjusts the available power for electrical vehicles.
- **EV priority chargers:** Schedule VIP charging transactions.

Rev 2.1