



HOW IT WORKS

The EV Load Manager system is initially set up by entering into the management software the number of charging points on site, including their collective load potential and the electricity supply available. Once this information is fed into the software, the system calculates the most efficient way of managing the electricity across the EV charging points and thereby always protecting the power supply and so minimising the potential for power disruption.

Once the EV Load Manager is operational, the system will constantly monitor the charging points and distribute / re-distribute electricity (amps) to the charging sockets as and when EV drivers connect or disconnect from the system.

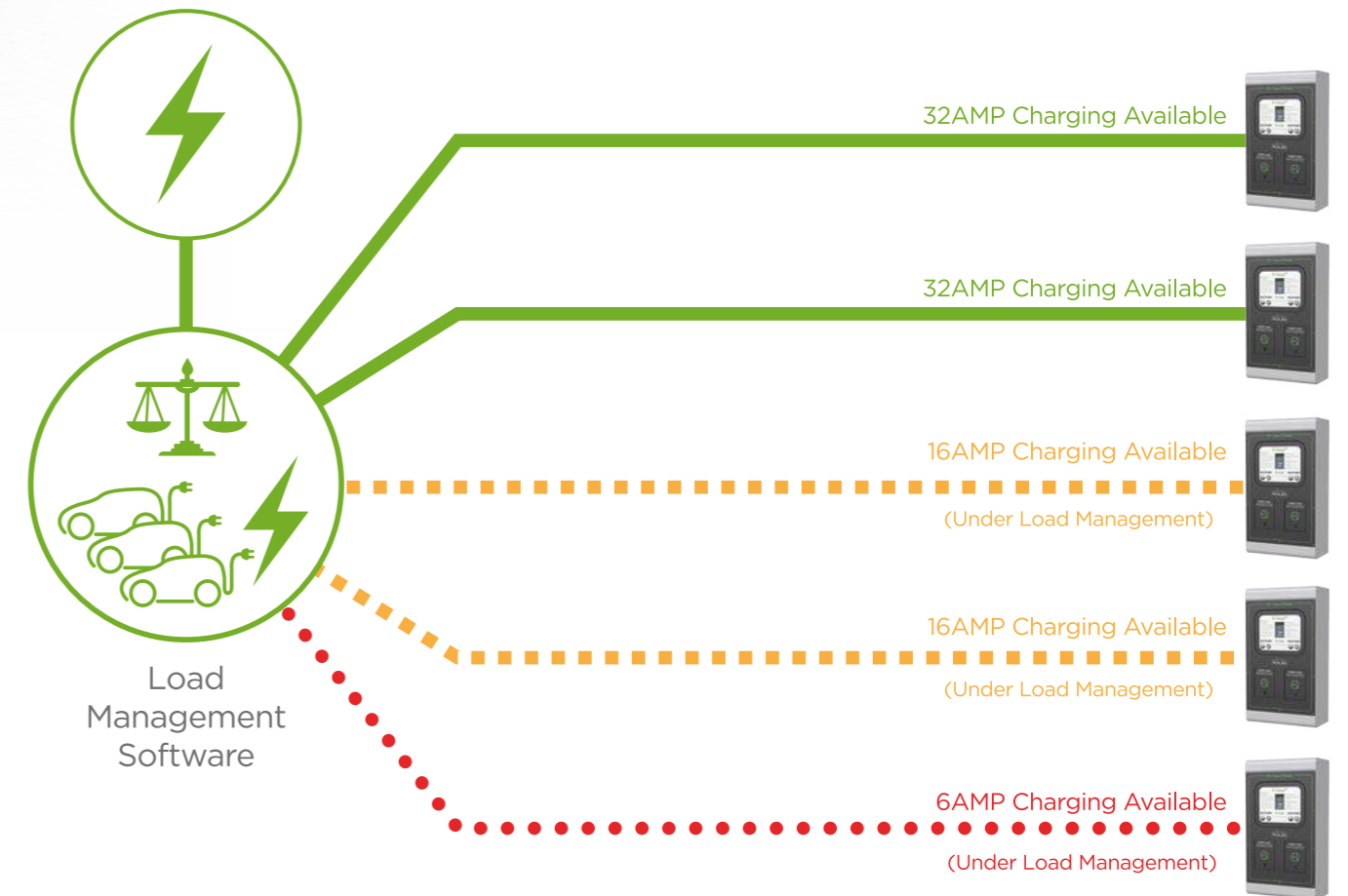
The EV Load Manager system will also manage EV driver charging expectations by always initially informing them of the minimum charge (amps) available when they first connect, e.g.: if the system is under high occupancy, the EV driver may be advised that the minimum charge available to them is 16amps (3.6kW), or even an 8amp trickle charge. However, during the charging cycle, if other drivers disconnect from the system, that EV driver's charging supply may increase to 16amps (3.6kW) / 32amps (7.2kW) automatically as and when electricity becomes available.

EV Load Manager has been developed as an **electricity load management solution** for locations requiring multiple EV charging points where the charging points have a higher collective load potential than the electricity supply available.

This system ensures charging facilities are available, even for sites with a limited electricity infrastructure, by temporarily reducing EV charging capacity.



Incoming Limited Electrical Supply



A SELECTION OF EV LOAD MANAGER FEATURES

- 
 Optional EV Electrical Load Management
- 
 Operator Management
- 
 Cloud-Based Back Office
- 
 Ideal For Limited Incoming Power Supply
- 
 Ideal For EV Fleet Management
- 
 Ideal For Private Residential Developments

When EV drivers disengage from the system, the freed up electricity is redistributed where needed

The digital display on the charging point or mobile phone provides the EV driver with information relating to what level of charging they will receive.

EV CONTROL centre

Centrally Managed Localised EV Charging System



This versatile system **allows up to 18 x EV charging points/bays to be managed** from the control panel, offering either **free-to-use or pay-to-use (PAYG)** charging options.

This system has been specially designed to be **similar in operation to a car park ticket machine**. The driver simply parks in the EV charge point parking bay and then, through the **EV ControlCentre**, initiates the electric vehicle charging procedure.

Ideal for single level, multi-level and underground car parks.

A SELECTION OF EV CONTROL CENTRE FEATURES



RFID Card/Fob



Token PAYG



On/Off Security



Can Manage Up To 18 EV Charging Points



Ideal For Car Parks



Optional EV Electrical Load Management

SYSTEM BENEFITS

The **EV ControlCentre** has been designed with the ability to control and manage the various charging units from the Rolec EV product range, including WallPod, SecuriCharge, BasicCharge, Quantum, AutoCharge etc.

The **EV ControlCentre** is a future-proof system which can be initially installed as a free-to-charge version that can be upgraded at a later date, if required, to accommodate a pay-to-charge solution via either EV GroupManager (RFID) or Token Mech (PAYG).

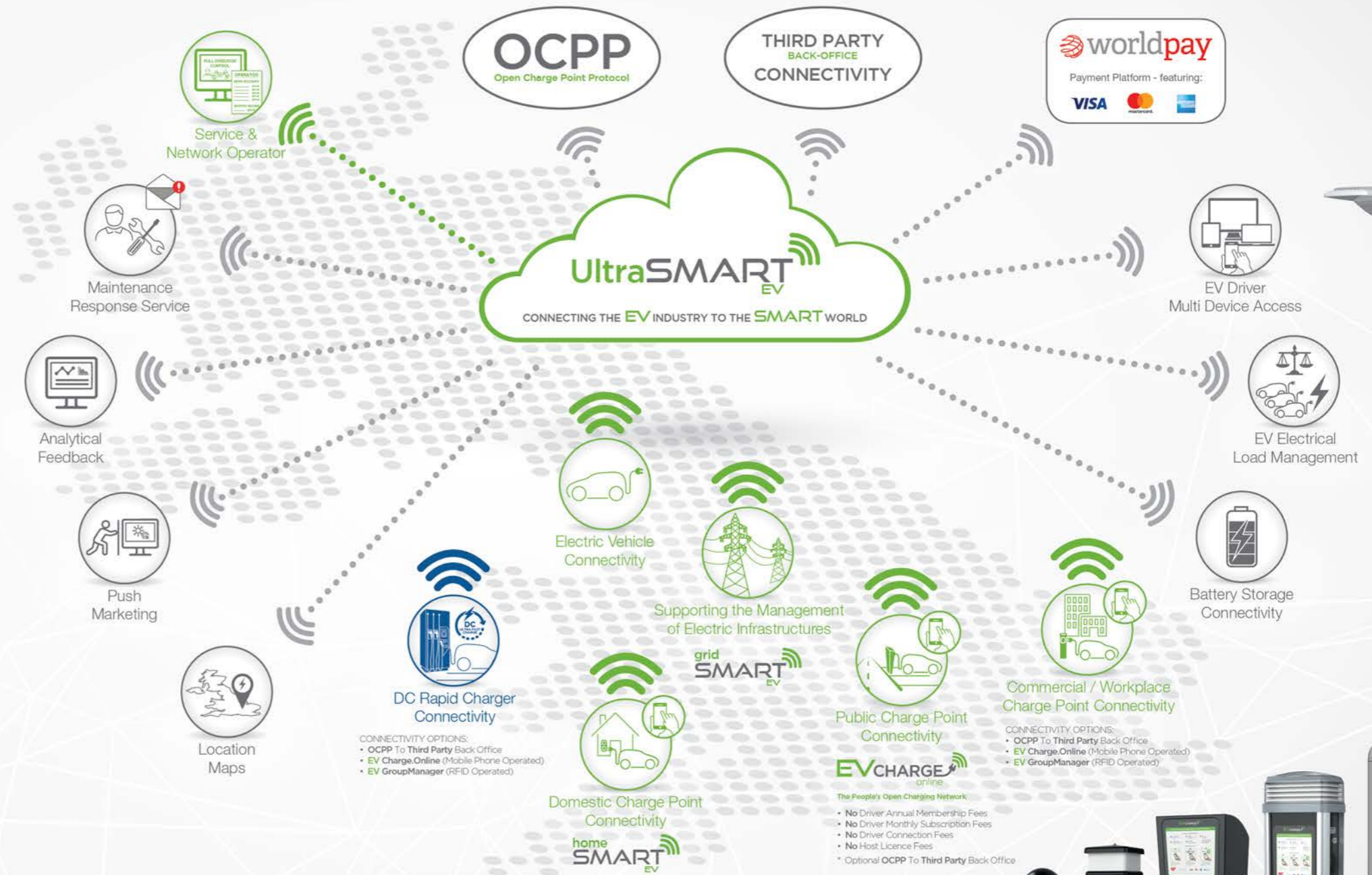
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Manage Up To 18 Charging Points

Available in 6way, 12way and 18way this system can manage a combination of EV charging units from the Rolec EV range.



DC ULTRAFAST RAPID:EV CHARGERS
Available in 25kW, 50kW, 100kW & 150kW

THE **ROLEC EV** RANGE



AC FAST:EV CHARGERS
Available in 3.6kW, 7.2kW, 11kW (3Ø) & 22kW (3Ø)