SEVADIS
POWERING ELECTRIC VEHICLES

MONTA

CLOUD LOAD BALANCING EXPLAINED

MONTA CLOUD LOAD BALANCING BENEFITS

Monta's load balancing system is a cloud-based, smart solution to ensuring a property's primary electrical load is not disrupted whilst electric vehicles are charging on-site.

This system enables vehicles to recharge whilst simultaneously powering common electrical goods at the property the EV chargers are installed at. By balancing the primary electrical load in real time, electric vehicles can be charged without causing disruption and power cuts at the property.

Activating Monta's load balancing feature into EV charge point installations allows constant monitoring of changes to energy usage and allocates available energy capacity to different electrical appliances at the property, including EV charging points. By doing this, everyday use of electricity is not disrupted, ensuring safer and efficient recharging of vehicles.

Eliminates risk of overloading electrical load, therefore protecting the grid.

Saves costs with no requirement for infrastructure/ construction works.

Cloud-based, requiring no additional equipment.

Consistent power output, enabling EVs to charge without disruption.

HOW MONTA'S CLOUD LOAD BALANCING SYSTEM WORKS

Step 1

Add and connect the charge points to Monta. Before you can begin setting up Dynamic Load Balancing on your charge points, you need to add and connect them to Monta. You can add the charge points one at a time or in bulk.

Step 2

Create a Load Balancing Group. If all charge points are added to the same Charging site, you can create a **Load Balancing Group** by opening the specific Charging site page in Monta Portal.

If the charge points belong to different Charging Sites, you can create a Load Balancing Group from **Multi-Site Load Balancing** Portal.

When you create the Group, you have to input some general information. For this, you need to consider:

- What are the total available amps per phase for the charge points and the building?
- How do you want to distribute the power to the charge points?

Currently you can select between sharing the power equally to all active charge points or prioritising charging cars in order of arrival. You can set additional prioritisation settings once you add the charge points to the Group.

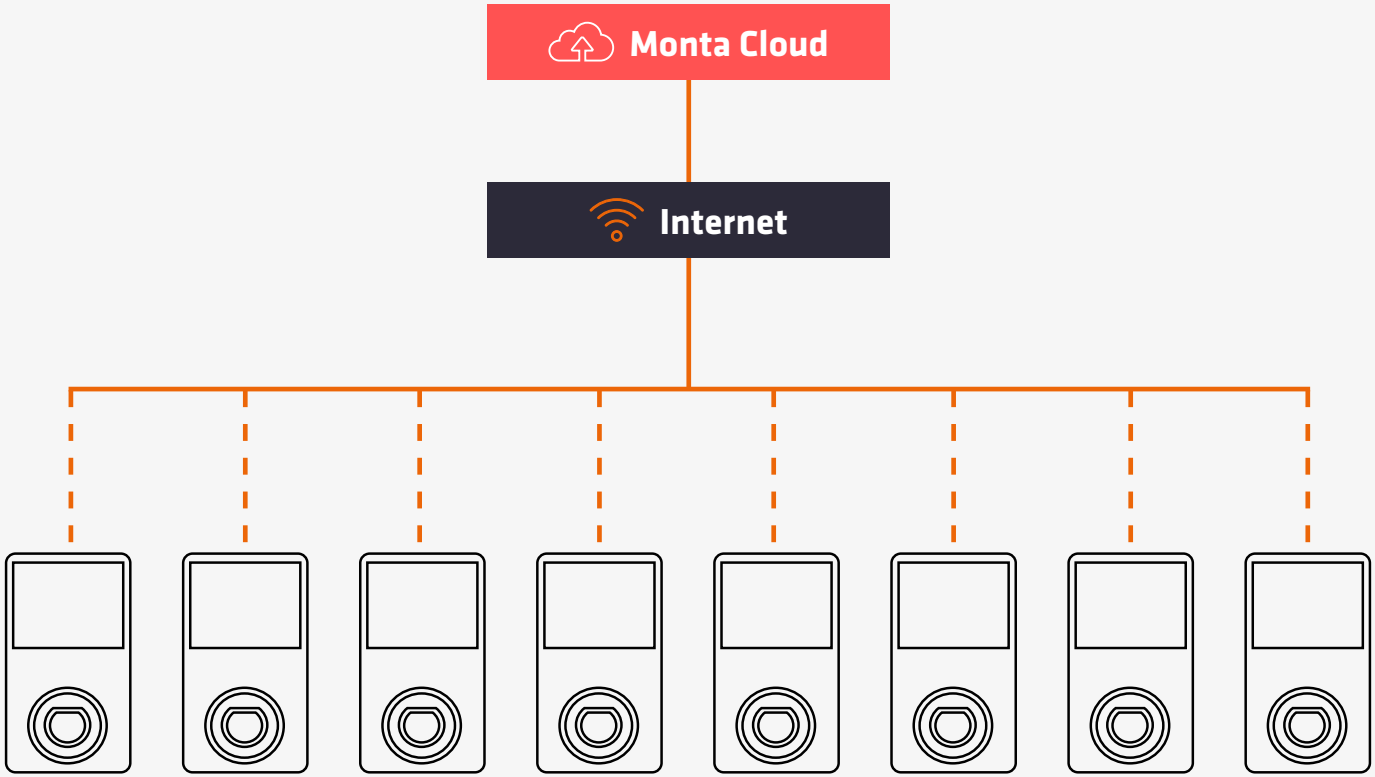
WHAT YOU'LL NEED

MaxiCharger

Monta App

See an example of a typical Monta Cloud Load Balancing system set-up on the next page >

TYPICAL MONTA CLOUD LOAD BALANCING SYSTEM EXAMPLE



Data link between units hard-wired or Wi-Fi - refer to connectivity datasheet

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LEARN MORE ABOUT THE MAXICHARGER RANGE

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0330 058 7144 | builtenvironment@sevadis.com