

Dynamic Load Management

Integrated power control and energy optimisation for EV charging



Take control of your EV charging

Cloud-based Dynamic Load Management from ChargePoint helps organisations effectively manage the electrical supply to all the charging stations across their operations. It prevents overloading and reduces the need for costly and time-consuming electrical panel upgrades.

A powerful energy management solution for your business

Dynamic Load Management enables station owners to effectively manage the electrical power across their entire site. By considering the load of the charging stations and all other equipment on-site, it ensures the set power limits are not exceeded.

Optimise power distribution

- + Efficiently manage distribution across charging stations throughout the site
- + Safely operate more stations than the electrical circuit would normally be able to support

Control energy costs

- + Remove the need for costly electrical panel upgrades
- + Lower energy consumption during peak times

Eliminate the risk of overloading

- + Reduce the required load during times of high usage
- + Monitor real-time use to manage capacity

Who can benefit



Workplace



Fleet depot

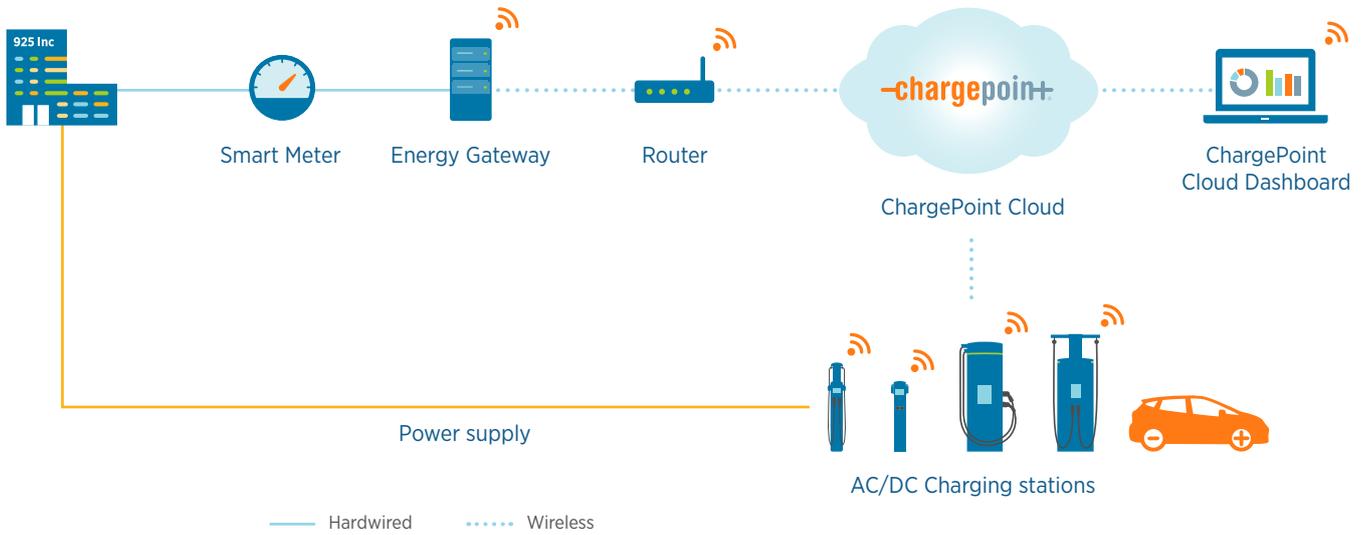


Retail and parking



Multifamily

Intelligent energy management for EV charging deployments



Main components

Component	Description
Energy Gateway	Installed on-site to forward the metered data to the ChargePoint management platform
Smart Meter	To measure electrical values at the point of connection and make them available via communication interfaces
Router	Industrial 4G LTE Wi-Fi router used for remote connection

Let's get started

Ready to deploy Dynamic Load Management? Our experts will help you identify your EV charging goals, advise on the best approach and help evaluate your site.

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