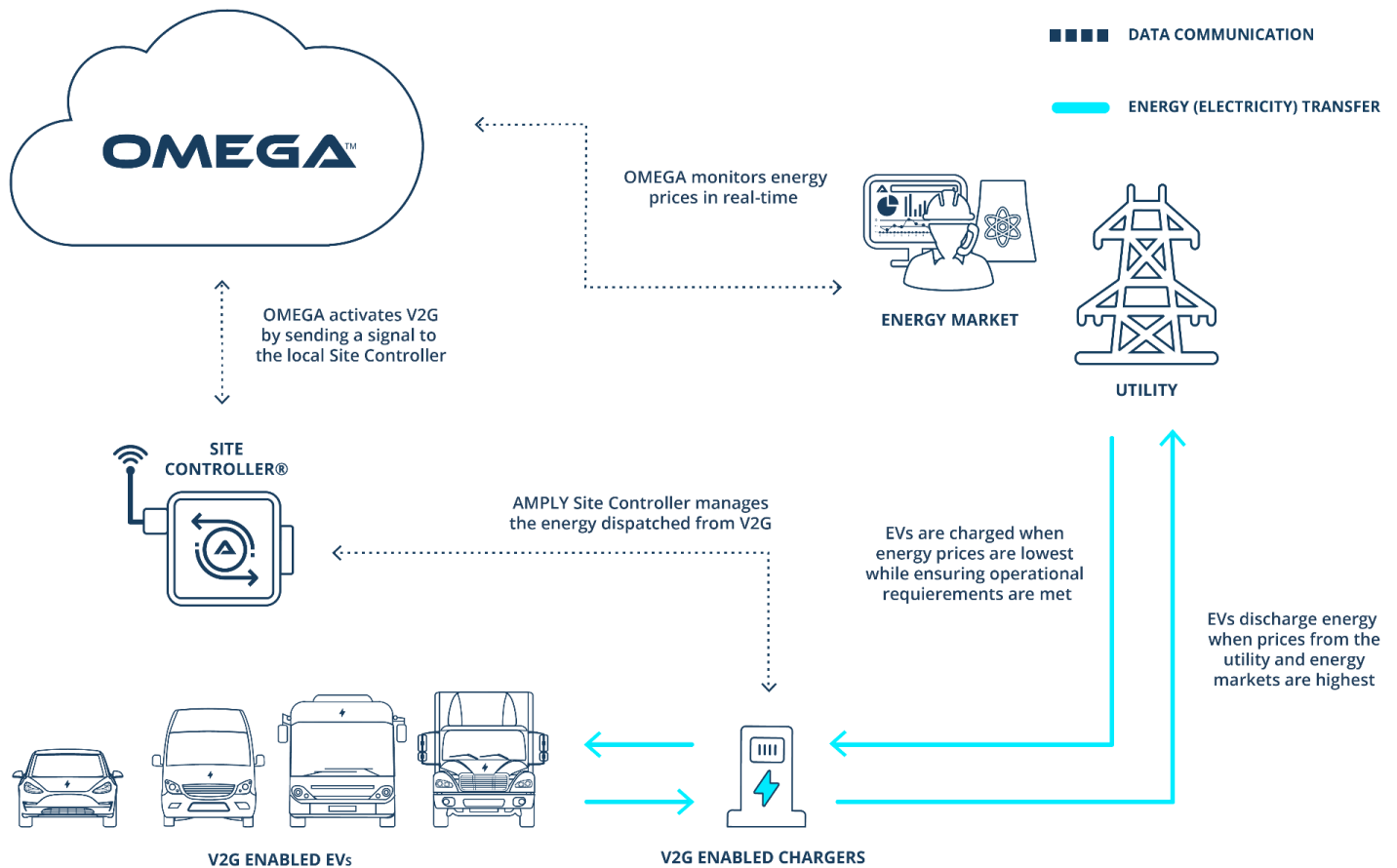


# OMEGA™ Charge Management System

## Focus on Vehicle-to-Grid (V2G)



The OMEGA Charge Management System (CMS) enables bidirectional vehicle-to-grid (V2G) charging, allowing the energy stored in your EVs to be redistributed back to the grid when the vehicles are not in use and with no impact to your fleet's operations.

Our intelligent, cloud-based OMEGA platform controls and optimizes V2G-enabled EVs and EVSEs, giving you a chance to participate in your utility's V2G program and have back-up power in the case of an emergency. Leveraging the stored energy in your EVs for grid services can create a new revenue stream, lowering the total cost of ownership (TCO) of your electric fleet. As the vehicle grid integration industry expands upon V2G with the implementation of Vehicle-to-Everything (V2X), your OMEGA CMS scales with you, ensuring your EVs are reliable distributed energy resources (DERs).

## Features of OMEGA with Vehicle-to-Grid (V2G) Integration



### Creating New Revenue Streams

OMEGA optimizes V2G revenue opportunities by automatically discharging power back to the grid when it is needed most—and when it's most profitable—while ensuring your vehicles are still ready to go at the start of each shift.

### A New Way to Power Your Assets

OMEGA can enable Vehicle-to-Everything (V2X), allowing your fleet to act as a distributed energy resource to power your buildings, equipment, and even other vehicles. This can also become valuable during power outages or emergencies.



### Long-Term Battery Management

To maximize the lifespan of the batteries in your EVs, maintaining the right state-of-charge (SOC) is critical. V2G-enabled OMEGA will seamlessly charge and discharge your vehicles to their unique SOC needs to prevent unnecessary battery degradation.



### Health Testing Batteries

The last place you want to learn about a bad EV battery is on the job. When V2G is enabled, OMEGA will perform periodic tests of your vehicles to gauge battery health by discharging the battery completely and then recharging it.