

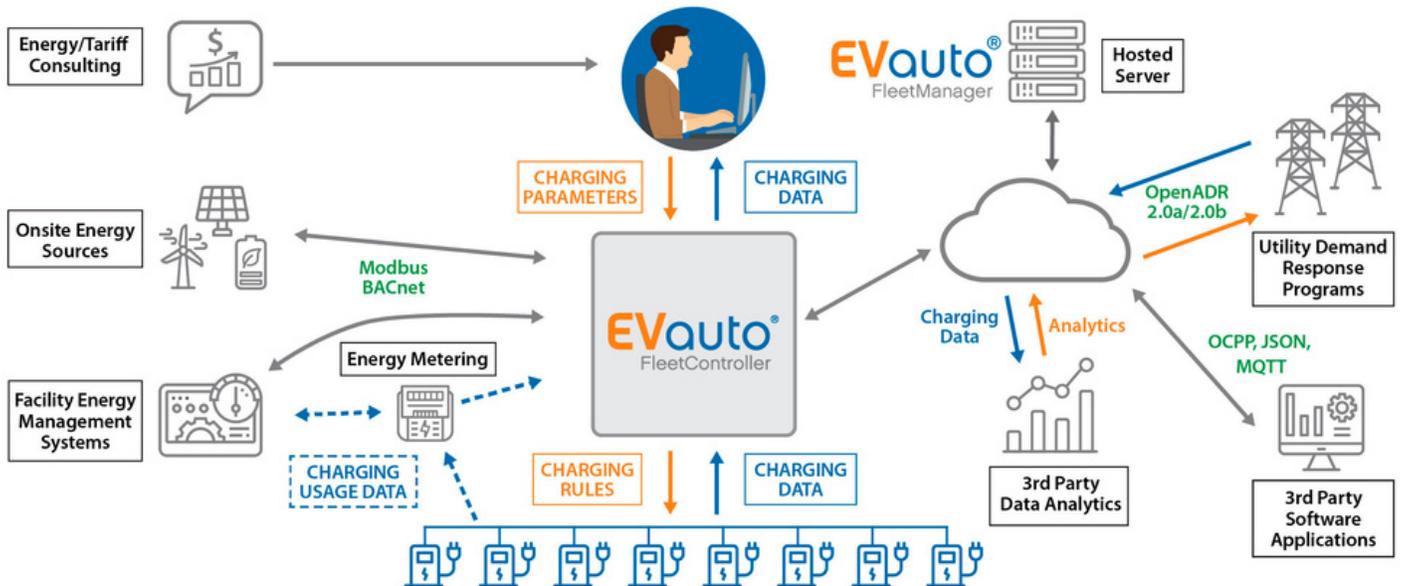
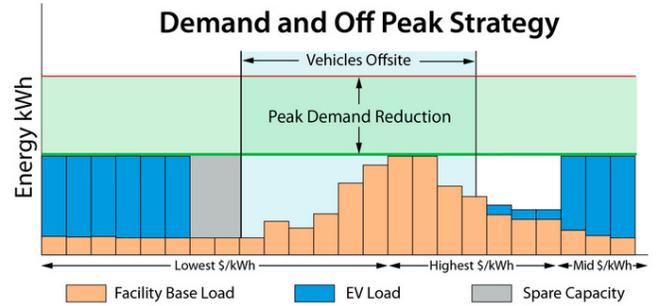
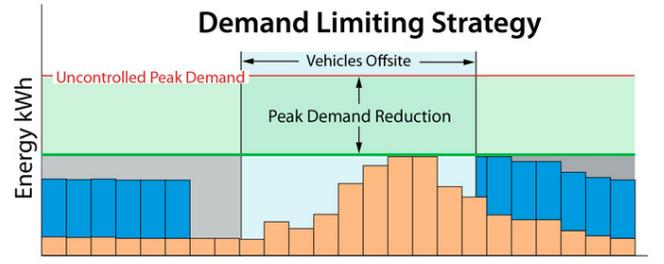
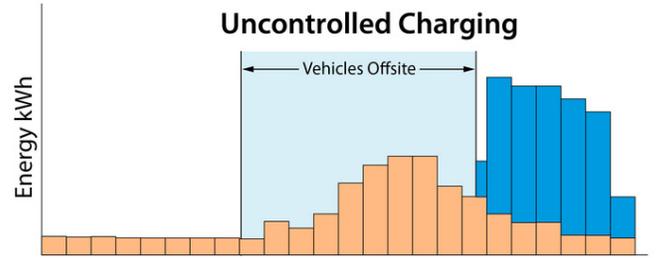
SYSTEM FEATURES

FEATURES:

The EVauto fleet charging control system employs proprietary patent-pending software to optimize the cost of charging your electric vehicle fleet while giving you as little or as much control as you need via a hosted web interface.

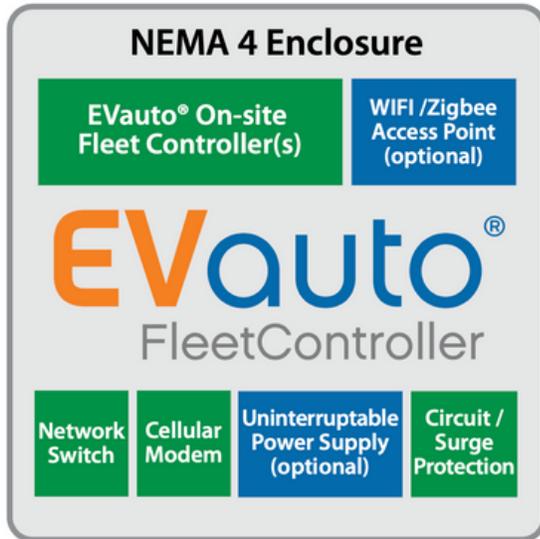
EVauto gives you the ability to:

- Limit power demand required for fleet charging
- Shift charging to off-peak hours
- Participate in utility DR programs
- EVauto provides operational support before, during, and after installation.
- EVauto hardware and software are made in America and warranted for the life of your EVauto subscription.
- Customizable cost savings options include Demand Limiting, Off-Peak Charging, Facility Demand Leveling, Transit Optimization, Onsite Generation Matching, Multi-Site Shared Setpoints, and more.



EVauto supports any EV charging environment, from a single site using utility power to a campus-wide system using onsite renewable energy and fixed battery storage. Open architecture enables communication with any system, including 3rd party analytic and authentication networks.

CONFIGURATION:



The following configuration options are available for your EVauto Fleet Charging Control System

- Facility-wide demand control (requires external power meter for facility metering)
- Energy Management System (EMS) integration to share data and control with existing systems via MODBUS or BACnet protocols
- Open ADR (2.0a and 2.0b) to take advantage of utility automatic demand response tariff programs
- Integration with and utilization of onsite solar or battery energy sources
- Management of charging activities at multiple locations via integration using our proprietary EVauto FleetManager software
- OCPP local controller
- Integration of chargers from multiple manufacturers
- Energy Tariff consultation and system setpoint planning

TECHNICAL DETAILS:

The EVauto fleet charging control system is built on the Tridium Niagara platform, using Tridium Niagara 4 software. Specific processors will vary based on the volume of electric vehicle service equipment (EVSE) used onsite. Platform hardware used will vary by fleet size.

To keep your system and data safe and accessible, your EVauto subscription includes user access through our AWS-hosted EVauto FleetManager software.

Components mounted in the Base System include:

- Niagara platform components (varies by fleet size):
 - Lynxspring Edge Series
 - Tridium Niagara JACE 8000
 - Industrial PC running Niagara 4
- PepWave Max BR-1 Cellular Modem
- Inline Surge Protector



EVauto can control any charger from advanced OCPP DC Fast chargers to basic level 2 chargers.

BASE SYSTEM:

Environmental requirements:

- Temperature: -4 to 140 F (-20 to 60 C)
- Humidity: Relative Humidity from 5% to 95%, non-condensing

Power requirements:

- 120 VAC/10 Amp

Enclosure:

- NEMA 4 Attabox Heartland