



NOODOE

Destination EV charging software solution

usa.siemens.com/emobility

SIEMENS

Siemens offers a variety of cloud-based software-as-a-service solutions designed to easily manage and control EV chargers. With our vast ecosystem of partners, we can provide customers with varying levels of support whether in parking garages/lots, hospitals, universities, retail locations, highway corridors, airports, offices, hotels, multi-unit dwellings, and more to create a seamless, easy-to-use platform.

Noodoe helps reduce installation costs, lower electricity costs, and lets you charge more vehicles using the existing electrical infrastructure.

Noodoe provides easy pay-to-charge options based on energy costs, duration, time of use, session length or a driver group. Funds collected can easily be transferred to the owners bank account by electronic transfer. Driver payment is completed through RFID or QR code allowing the user to pay with multiple digital payment methods.

Data analytics provided by Noodoe helps show important trends for planning and management reporting. And with the integration to Siemens cloud, the chargers firmware is kept up-to-date to account for vehicle and market updates.

Key benefits and features

- Remote management
- Realtime revenue reporting
- Automatic peak-hour price adjustment
- Automatic funds transfer
- Cost-effective plan
- Scan-pay-charge user experience (no RFID or mobile app required)
- Load management and smart scheduling
- Multi-use payment structures
- Flexible payment options with promo, voucher, and access codes
- Intuitive and easy to navigate dashboard
- Customizable (add-on)
- OCPP compatible (open to all chargers)

Driver experience

Drivers can easily park, scan the QR code or RFID card and pay-to-charge their vehicles. By providing their cell phone number they can track the charging session and once charging session is complete, they can be sent a receipt. No apps or memberships are required. Drivers can download the Noodoe app for stored payment methods, charging history, available chargers in your area, and for charging session notifications. Noodoe app is available on car play to help drivers easily find and navigate to a nearby AC or DC charger.

Scan

Scan the QR code.



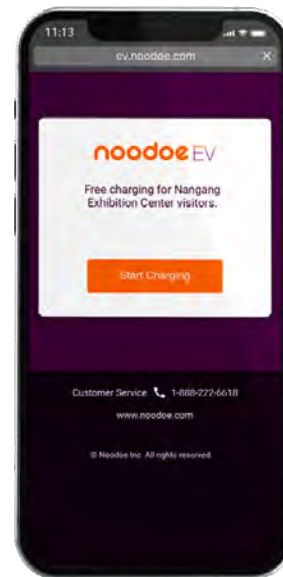
Pay

Choose payment method.



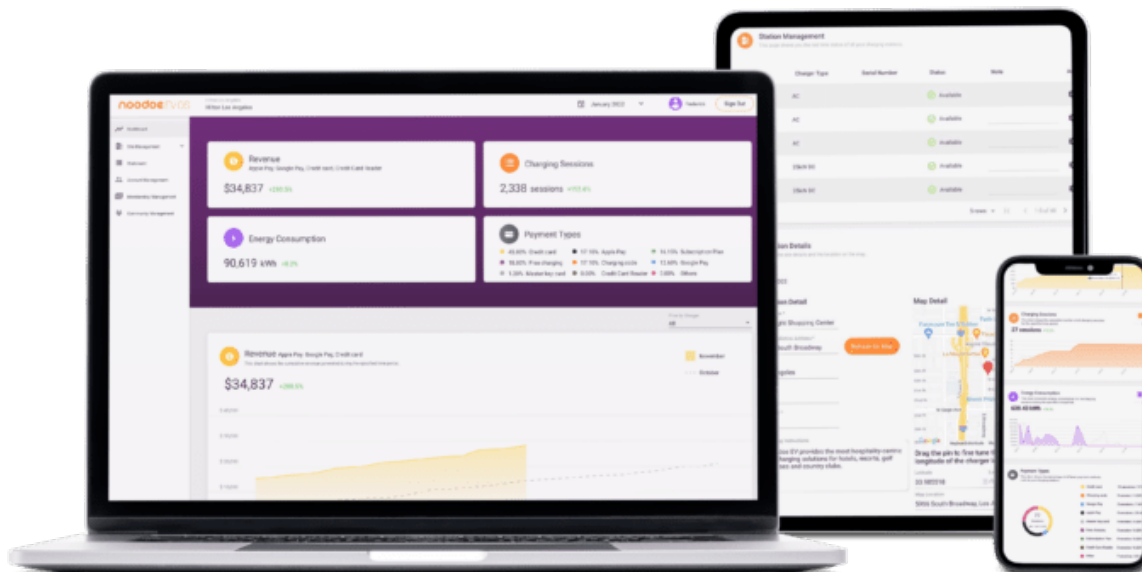
Charge

Start charging session.



Operators can also offer drivers voucher codes for one time charging sessions for guests and visitors, or access codes to drivers for specific tenants or employees. Alternatively, EV station managers can provide drivers pre-paid E-cards for routine charging or as a location perk for employees or students.

Operator web portal



View station information and status, energy consumption, revenue, payment types, and more.

EV charger owners can quickly view all their charger's information from one easy to read dashboard. Review the charger's usage over time or in groups, manage stations remotely, setup billing rates by kw, time, special events and more. Dashboard screens are also available in Spanish.

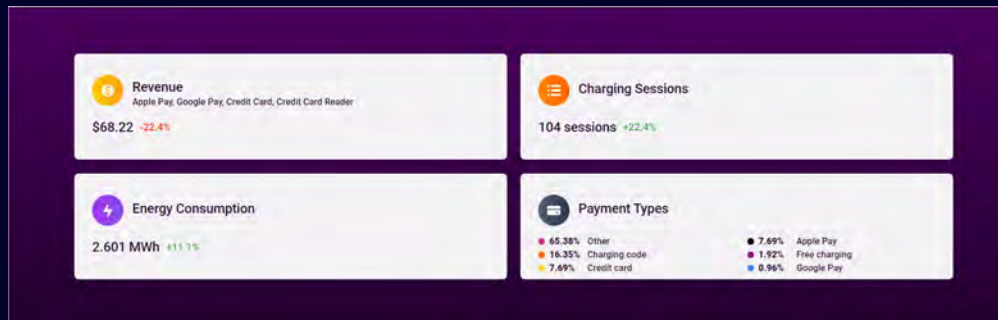
OCPP Control Functionalities

The use of the secure open standard OCPP (open charge point protocol) communications built into all Siemens EV chargers and most chargers built today, allow for a seamless integration of your EV charger to cloud software solutions, like Noodoe. This communication allows the station owner to control all aspects of the charger remotely, offers software flexibility, rapid deployment, automated operations, and seamless universal payment processing.

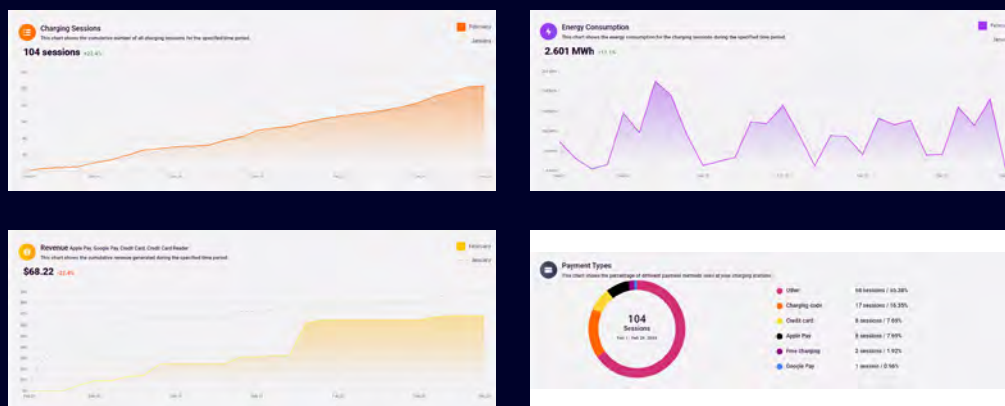
Pay-to-charge ability

As a station owner, the “Pay-to-Charge” capability of the Siemens chargers allows the EV driver to pay to charge their vehicle use an RFID card or by easily scanning the Noodoe QR code. Station owners set the rates based on an energy usage (kW) supplied to the vehicle or a fixed time interval. The rates charged can vary by the hour, day or can be changed for special proportional events at any time. The station owner can edit the charging rates, connection fee or other fees at any time through the owner’s dashboard.

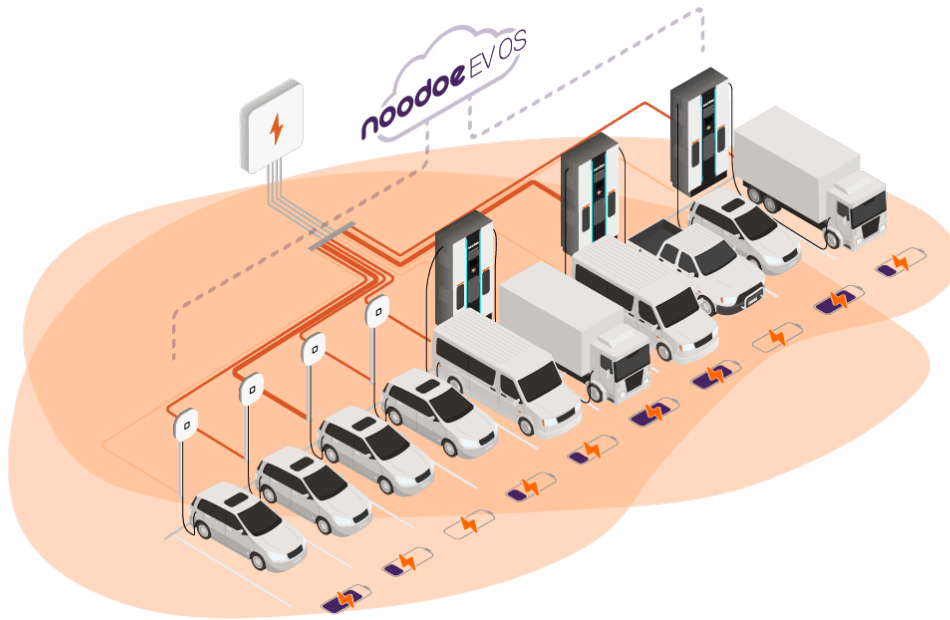
Noodoe's annual per charger subscription comes with dashboard, reporting, push emails, database administration, driver app, driver subscription management, account management and complete management of the payment & credit card processing. Payment from the revenue earned is transferred at the end of each month and owners will receive 1099 tax forms at the end of the year.



Cloud service packages require a yearly subscription fee per connector. Each individual charging session will include the users energy usage cost, plus a cloud provider transaction fee and percentage fee that covers the credit card companies transaction fee.



Load Management



Enabling Load Management is easy! And it works autonomously.

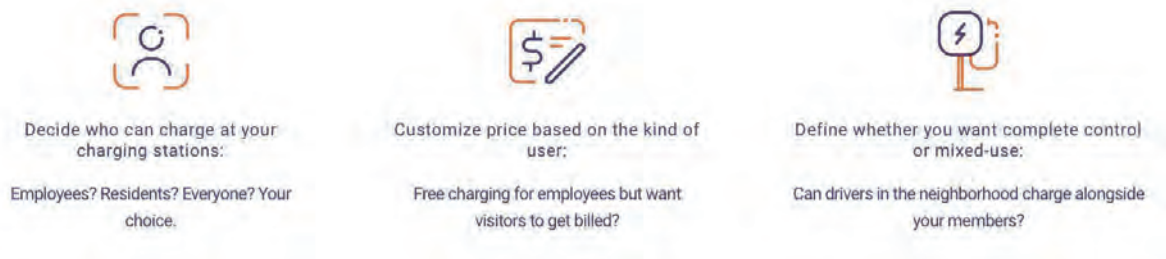
- Utilizes smart algorithms and intelligent monitoring of chargers to balance electrical need.
- Ensures that total electrical output stays within a safe range.
- Smart energy allocations to connected chargers eliminates the need for electrical upgrades.
- Doesn't require additional physical wiring for implementation.
- Optimizes available power from the utility, while protecting the local electrical systems from overloading even when multiple chargers are being used simultaneously.
- Offers flexible implementation options to suit your ideal number of chargers.

Member Management

What exactly is an EV charging membership management program and why might it be useful? Well, let's say you have an EV charger and want to make it available for lots of different people to use. Maybe you manage an apartment complex or own an office building. You know your current users are clamoring for EV chargers, but you're also interested in making sure the charger doesn't sit idle when it could be monetized to improve your bottom line. That's where membership management comes into play.



Noodoe EV OS's integrated membership management system allows you to set different rules and rates for different kinds of users. Decide whom you're catering to, and then design your whole system around them. It's the real VIP treatment.



The digital membership

No more cards taking up valuable pocket space. EV charging memberships can be digitized and always at hand. Every member receives a QR code that they can use to link their membership to a mobile membership wallet on their phones. That wallet becomes home to all their charging membership privileges. Companies can send the membership to a new member in an email, on a printed card, or through a mailed invite. However your company decides to do it, the member receives a QR code that leads them through the membership process and helps them set up the mobile wallet on their phone.

Using the membership

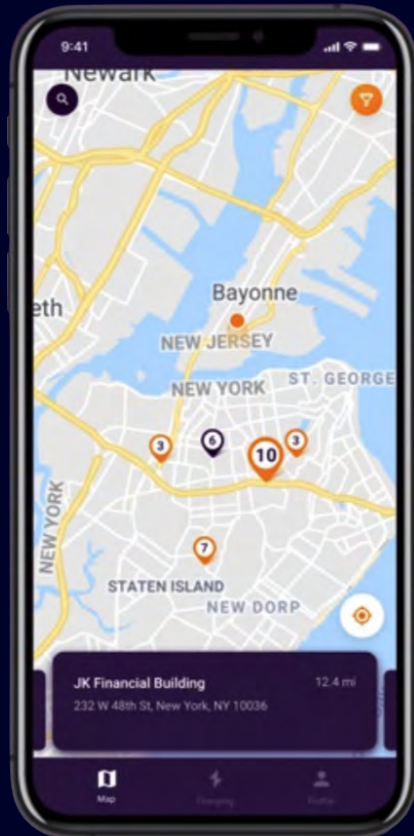
Once their membership is created in Noodoe EV OS, members have access to all of the membership privileges in their accounts. The membership functions through a digital top-up system. Members put money into their account, and the program deducts from it when they charge. Once their account has some money in it, they're ready to go! Members need only scan a Noodoe EV charger in a network connected to their membership, and they can charge at their VIP rate.

Ease of management

For membership-providing network owners, all information is centralized in your Noodoe EV OS dashboard. Manage members and track charging history from all connected chargers easily, all in one place.

Mobile Application

Drivers can create accounts, login to review their charging session details, payments, edit their profiles, and more. In addition, EV drivers can activate EV charging stations via activated FOB ID guest code, Noodoe Mobile application, QR Code or customer support (available 24x7). Charging sessions can be initiated directly from the mobile application or by a Customer Support Specialist. The mobile app available for iOS and Android devices.



Key Features

- Locate public EV chargers via the charging network map.
- View EV charger information and status, including address, real-time status, number of EV chargers and type, applicable hours, and directions to location and station.
- Notify when charging stations become available.
- View and receive charging status updates via driver account in mobile application.
- Report a station issue directly to the support team from the app with the ability to provide a description and image. Support team is available 24x7.
- Use credit card to pay for charging on a per-charge basis or setup a user account for even fast pay-to-charge ability.
- Mobile app and owner dashboard are available in Spanish.
- Additional charger owner feature: setup popup adds, coupons or special informative text messages once an EV owner logs into the charger to expand your companies marketing presence.



QR code for
charger management



Noodoe RFID on Versicharge
commercial units provide secure
hands-free ability to pay-to-charge.

Activating your EV chargers



Activating your EV chargers to the software subscription platform is easily done in just a few simple steps. Prior to installation of chargers, our team will work to set up your portal site. This includes adding your chargers prior to installation and sending the QR codes to the appropriate location. Following installation:

1. Download the Sifinity Setup app and commission chargers with code **"noodoe"**
2. Apply 1 QR code sticker to correct charger connector.
3. Login to EV OS and Download Noodoe App
4. Create an account and register products on Siemens Care Portal.

Support

With the use of the Siemens support cloud package station owner is provided with the piece of mind that their charging stations are being monitored and updated with the latest firmware available. Keeping the chargers up to date and functioning with all the new EV vehicles on the market.



Some key features of support include:

- 24x7x365 Driver Support
- Monday - Friday 6Am - 8PM EST Site Support (24x7 site support available)
- Automatic charger firmware updates over-the-air
- Custom & standard reports available on-demand or scheduled
- Best practice advice and guidance from our technical experts
- Email notifications of important charger status changes
- Billing and Accounting

AC and DC software-as-a-service with Noodoe

Catalog Number	Description
US2:NOODOE1	1-year subscription to Noodoe cloud service per charger connector
US2:NOODOE3	3-year subscription to Noodoe cloud service per charge connector
US2:NOODOE5	5-year subscription to Noodoe cloud service per charge connector
US2:NOODOERFID10	10 Noodoe RFID Cards

Note: The admin/user RFID in a VersiCharge box do not work with Noodoe. They are for free access to private charging. Noodoe RFID link to a payment method via the Noodoe dashboard.

Want additional support with installation and set up?



Let us help you get your chargers commissioned and connected with a dedicated representative.

With our StartUp services added to your project, you will recognize benefits like:

- One company providing startup and configuration of the AC and DC chargers
- Ensuring the chargers are wired correctly
- Setup and connection to the cloud through Wi-Fi, cellular or Ethernet (if applicable)
- Setup of any network sharing (AC only)
- Minimize initial charger downtime
- Ensure interoperability
- Quick analysis of power related issues
- Onsite review of the AC and DC chargers features with the end user

Catalog Number	Description
US2:ACSTARTUP4	StartUp services for up to 4 AC Chargers
US2:ACSTARTUP10	StartUp services for up to 10 AC Chargers
US2:DCSTARTUP	StartUp services for 1 charger + 4 dispensers
US2:DCSTARTUP4	StartUp services for 4 chargers + 4 dispensers

Legal Manufacturer

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www.usa.siemens.com/createcase for service
questions or inquiries

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