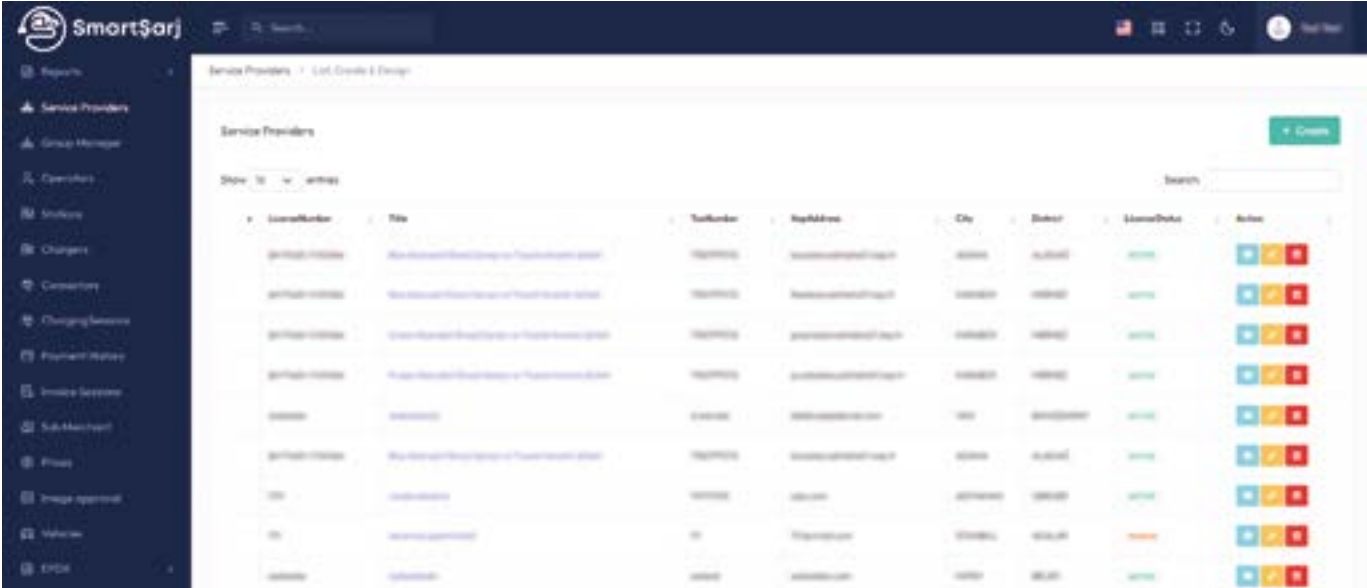




SmartŞarj

SCSMS (SmartŞarj Charging Station Management System)

- SmartŞarj Charging Station Management Software, within its infrastructure, that fully meets the structure stipulated in the scope of EMRA(Energy Market Regulatory Authority), allows you simultaneously to manage end-to-end single or multiple charging networks.
- Notifications required by EMRA are automatically generated and transmitted when the relevant conditions are met.
- Even if you have more than one Electric Vehicle (EV) Charging Network Operator License, you will be surprised at the ease of management in a single point.



The image shows a screenshot of the SmartŞarj web application. The left sidebar contains a menu with items like Reports, Service Providers, Group Manager, Operators, Stations, Chargers, Connectors, Charging Sessions, Payment History, Invoice Generator, Sub-Merchant, E-Pay, Image Approval, History, and E-Box. The main content area is titled 'Service Providers' and shows a table with columns: LicenseNumber, Title, TutarKodu, RegAdresi, City, Status, and Action. The table contains several rows of data, each with a set of colored status icons (green, yellow, red) in the Action column.

LicenseNumber	Title	TutarKodu	RegAdresi	City	Status	Action
...	...	...	...	...	...	[Icons]
...	...	...	...	...	...	[Icons]
...	...	...	...	...	...	[Icons]
...	...	...	...	...	...	[Icons]
...	...	...	...	...	...	[Icons]
...	...	...	...	...	...	[Icons]
...	...	...	...	...	...	[Icons]
...	...	...	...	...	...	[Icons]
...	...	...	...	...	...	[Icons]

What can you do?

- You can set up your own EV charging network.
- You can see and manage all stations, all devices and connectors included in your EV Charging Network.



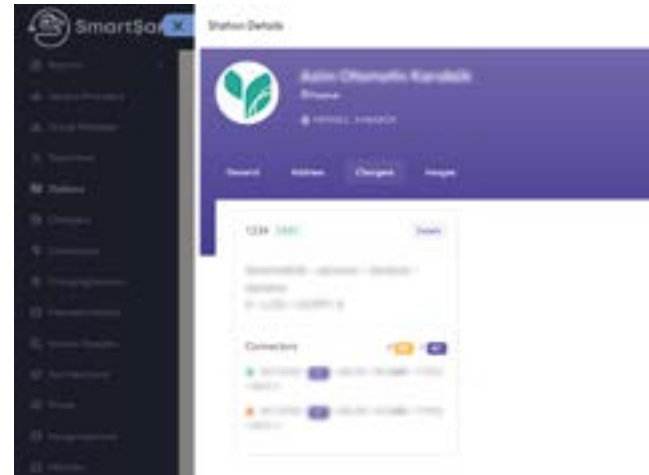
**SmartŞarj
Charging Station
Management
System**

Charging Station Management System

Instant Charging

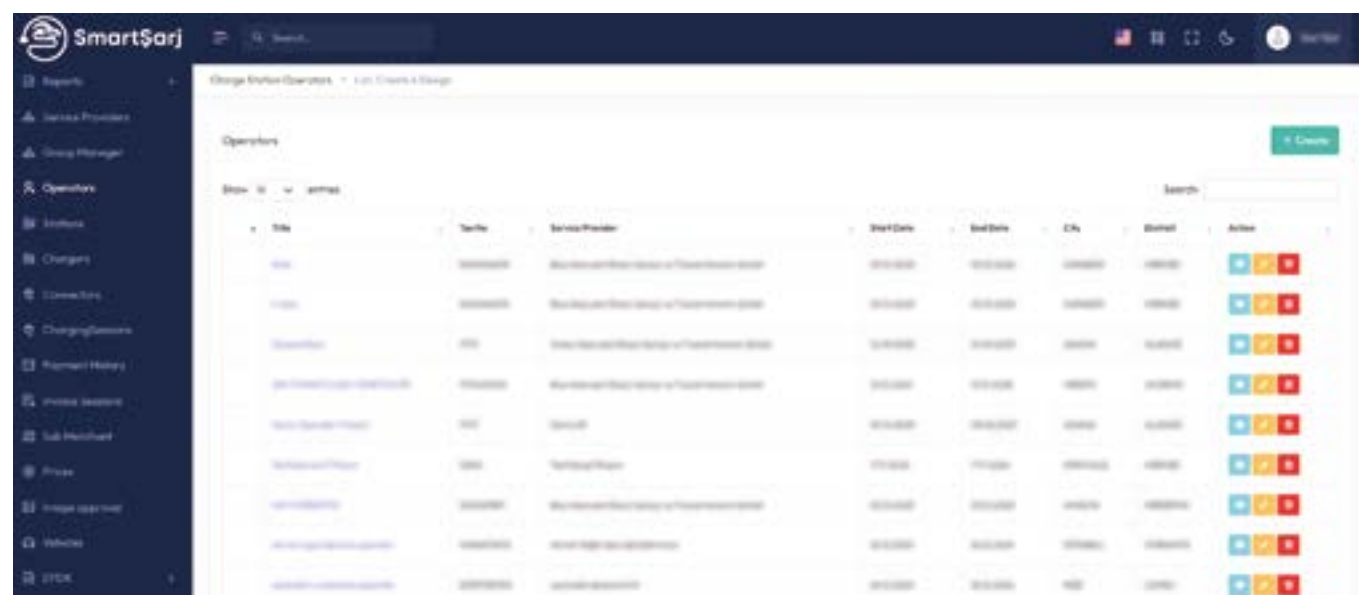
Availability Information

- You can instantly monitor the charging status of all endpoints in your network are available for continuous charging or not.



Station and Operator Management

- You can install and manage your own stations, as well as view and manage all the data of your charging station operators that you have authorized by issuing a certificate and the stations they have installed.
- You can view and manage your operators, stations, chargers, and connectors.

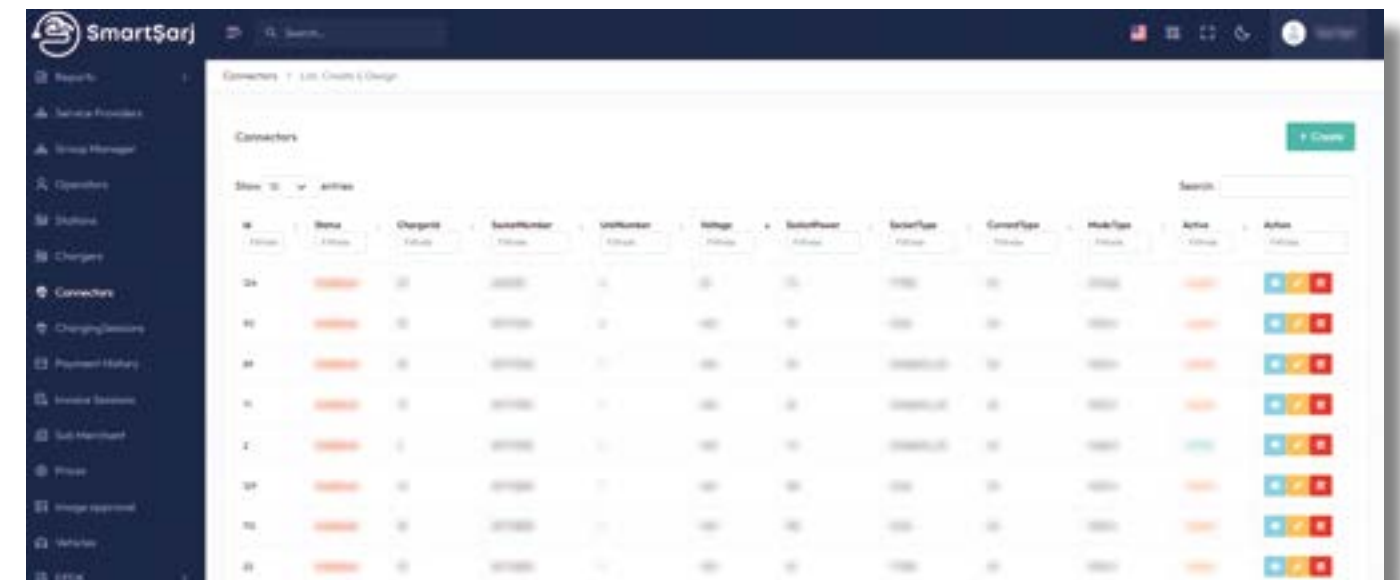


EV Chargers

- You can view the chargers and the connectors on each device with their current status. You can start remote charging by clicking on the appropriate connector icon.



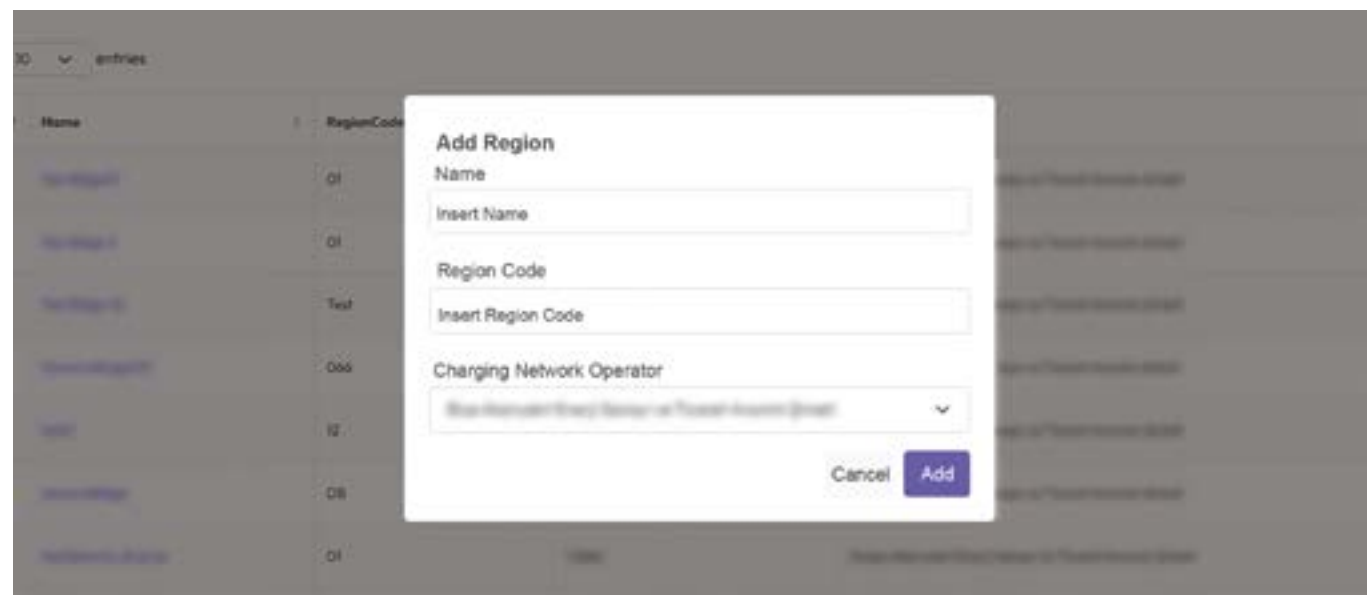
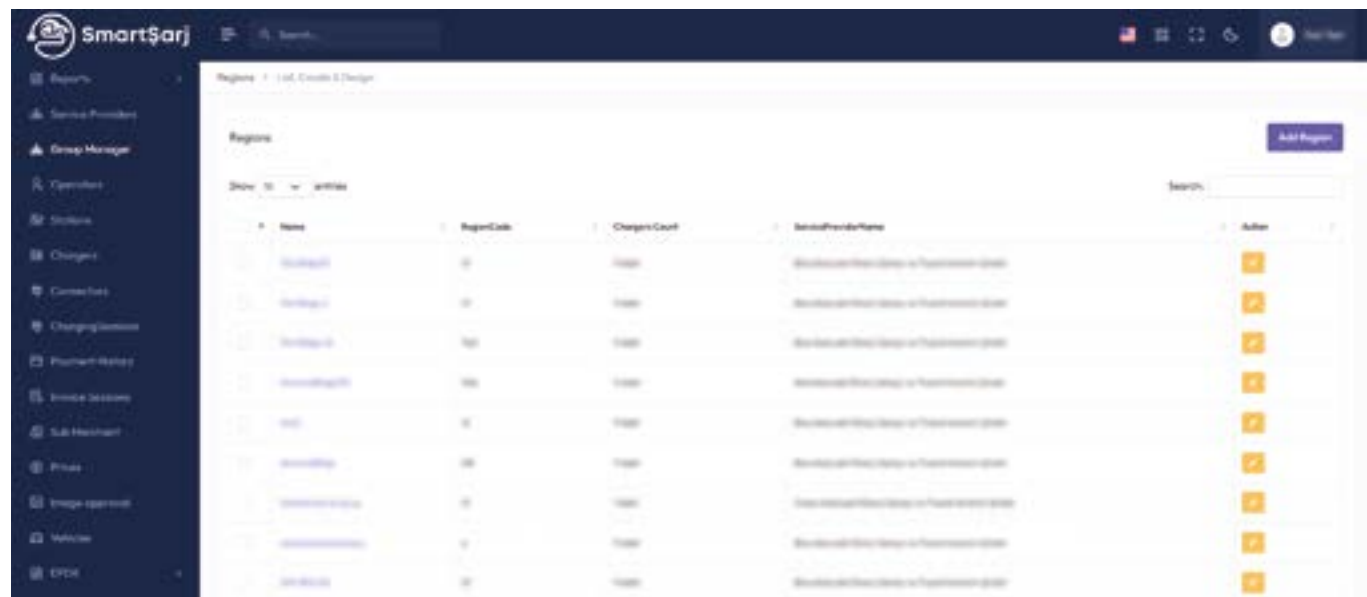
Connectors



Charging Station Management System

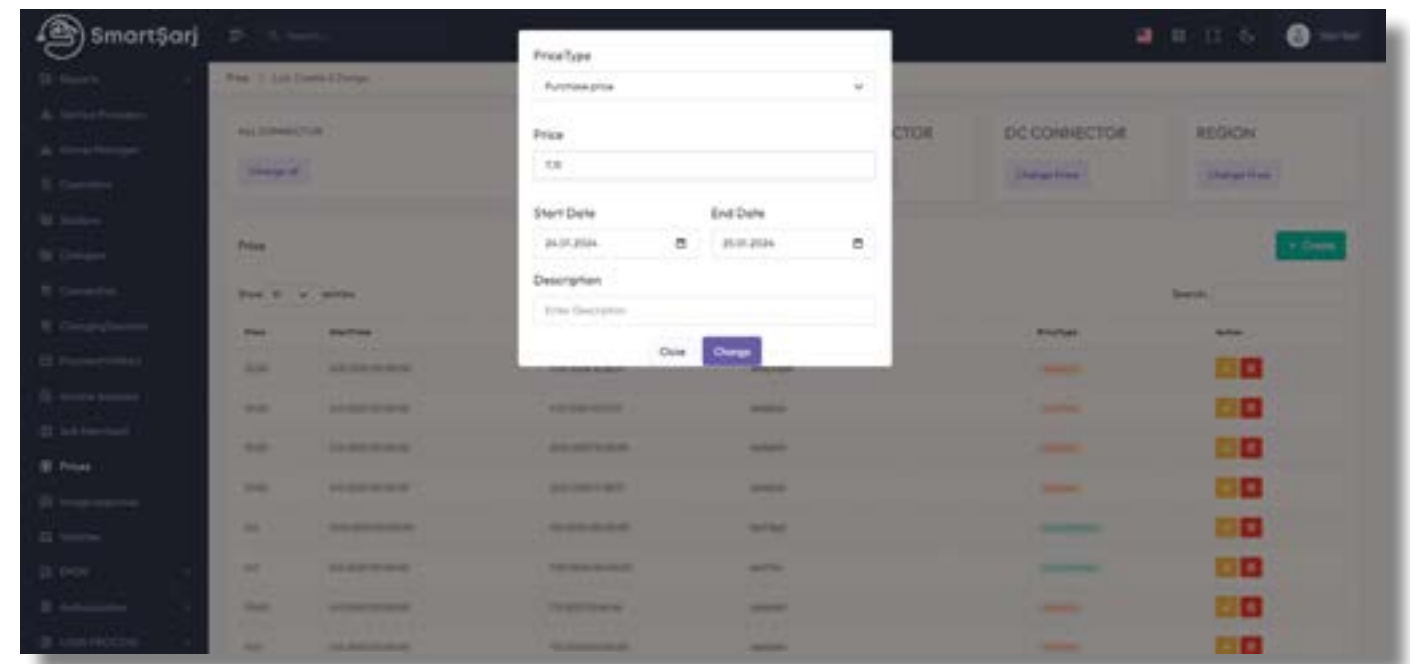
Group Management

- You can define your own charging station groups.
- You can create new groups and generate your personal follow-up lists.
- You can perform the operations on specifically defined groups.



Price Management

- You can simultaneously set rates for all devices and connectors in your network at one-step at multiple locations, according to the criteria you prefer, on station basis or by connector type.

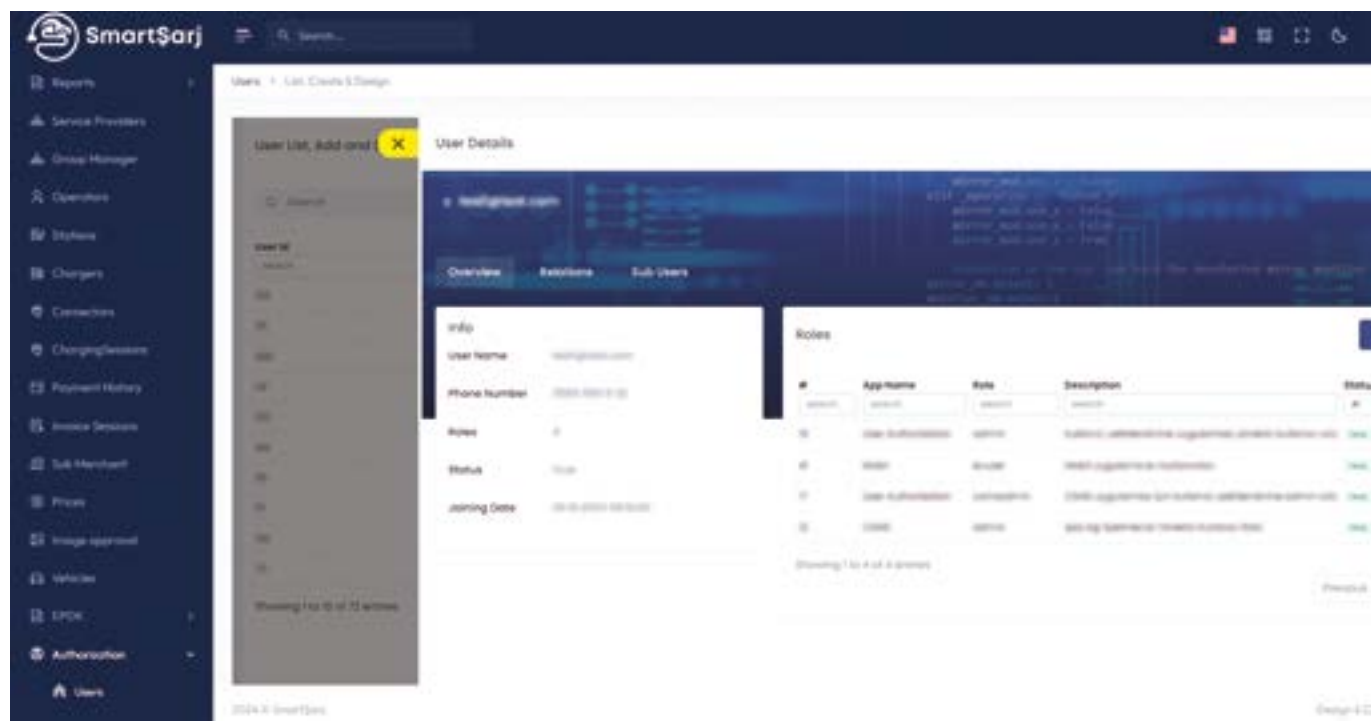
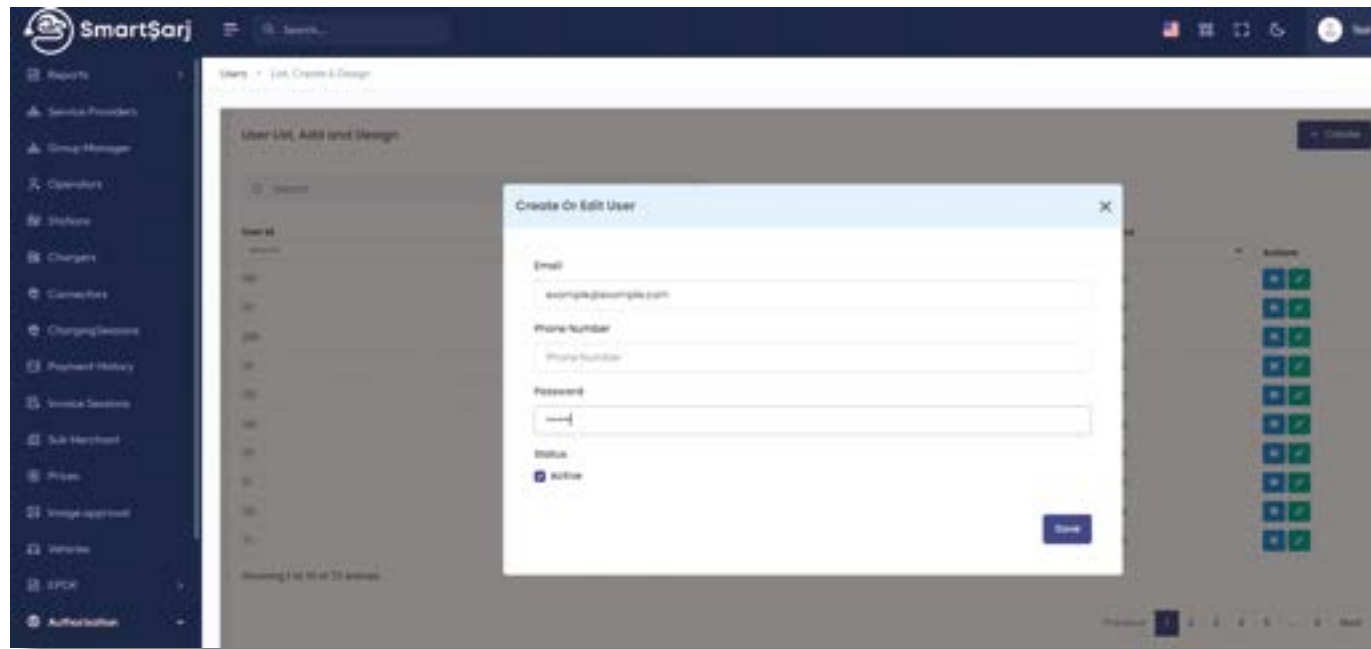


“A smart step to the electric future...”

Charging Station Management System

User Management and Authorization

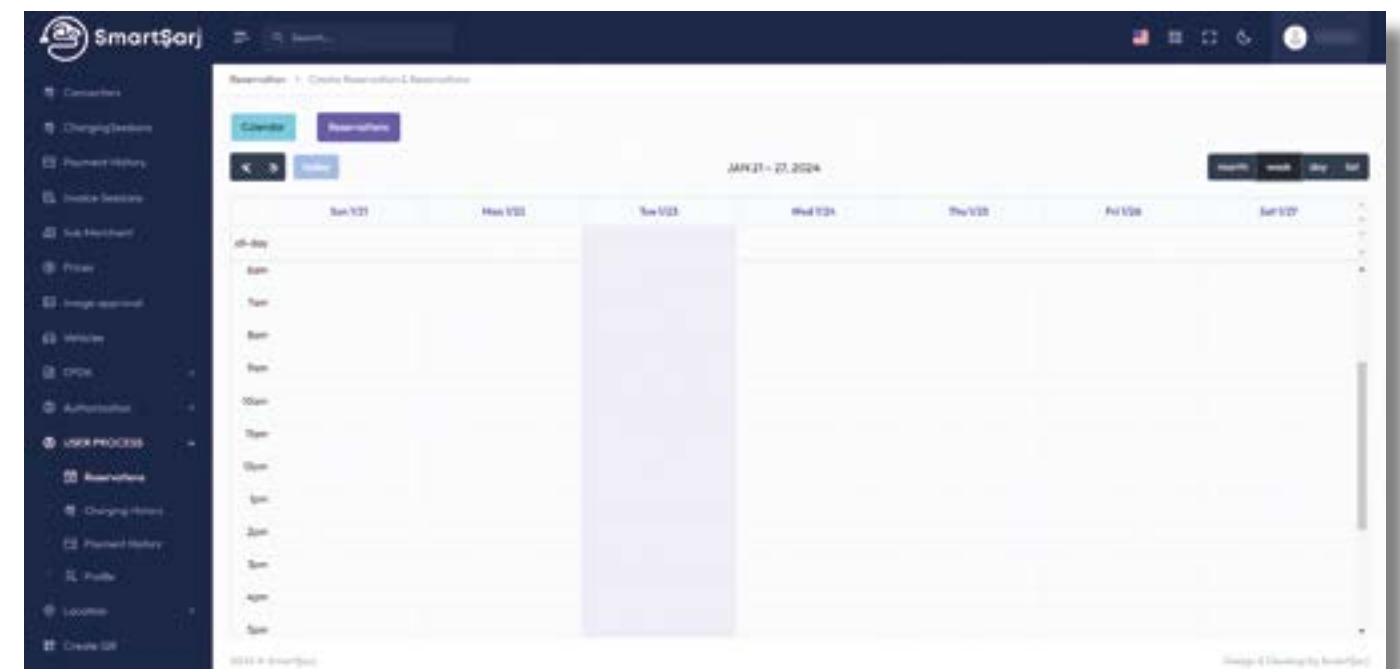
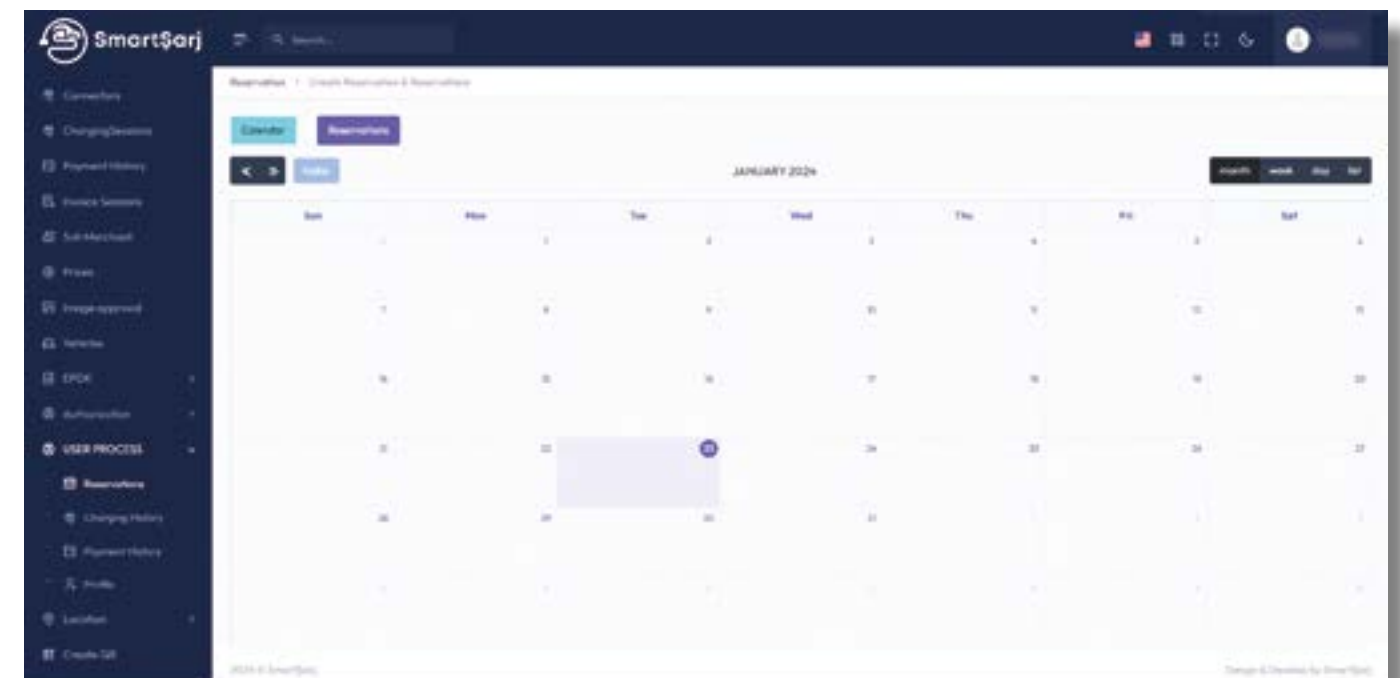
- You can create your own users and edit their roles and authorizations.



Charging Station Management System

Reservations

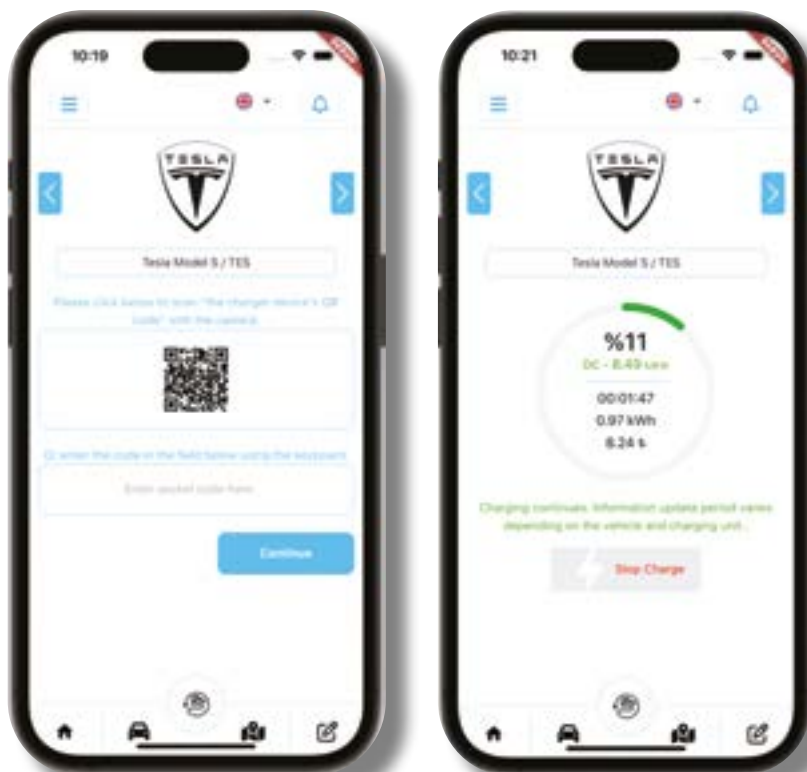
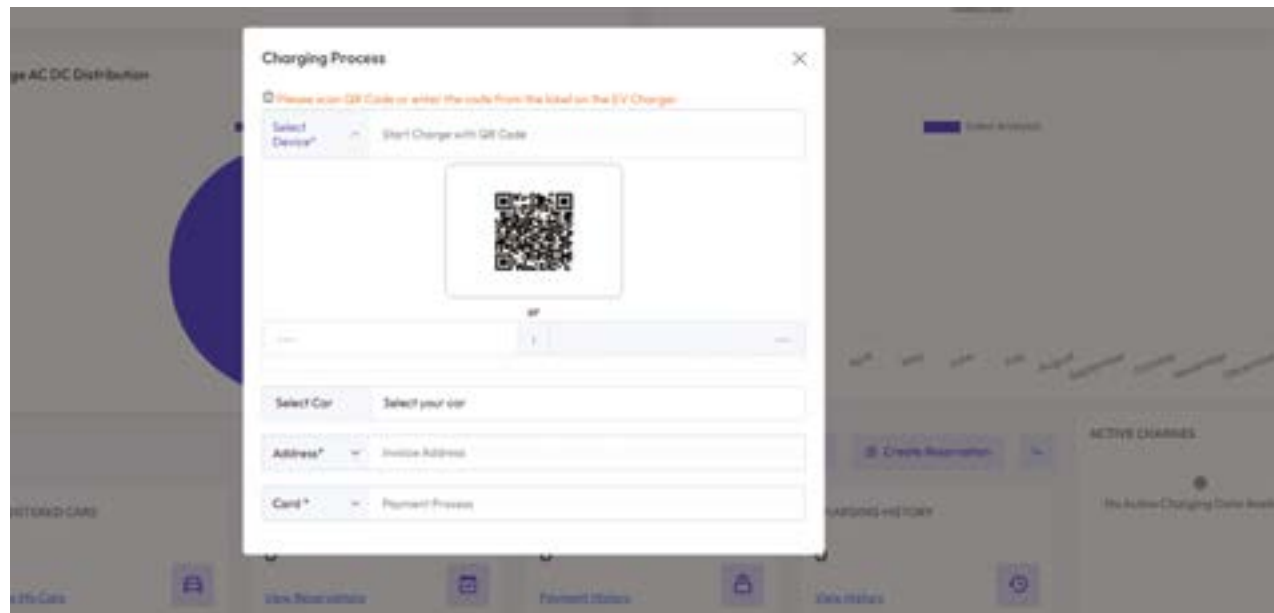
- You can display and manage reservations on the calendar.



Charging Station Management System

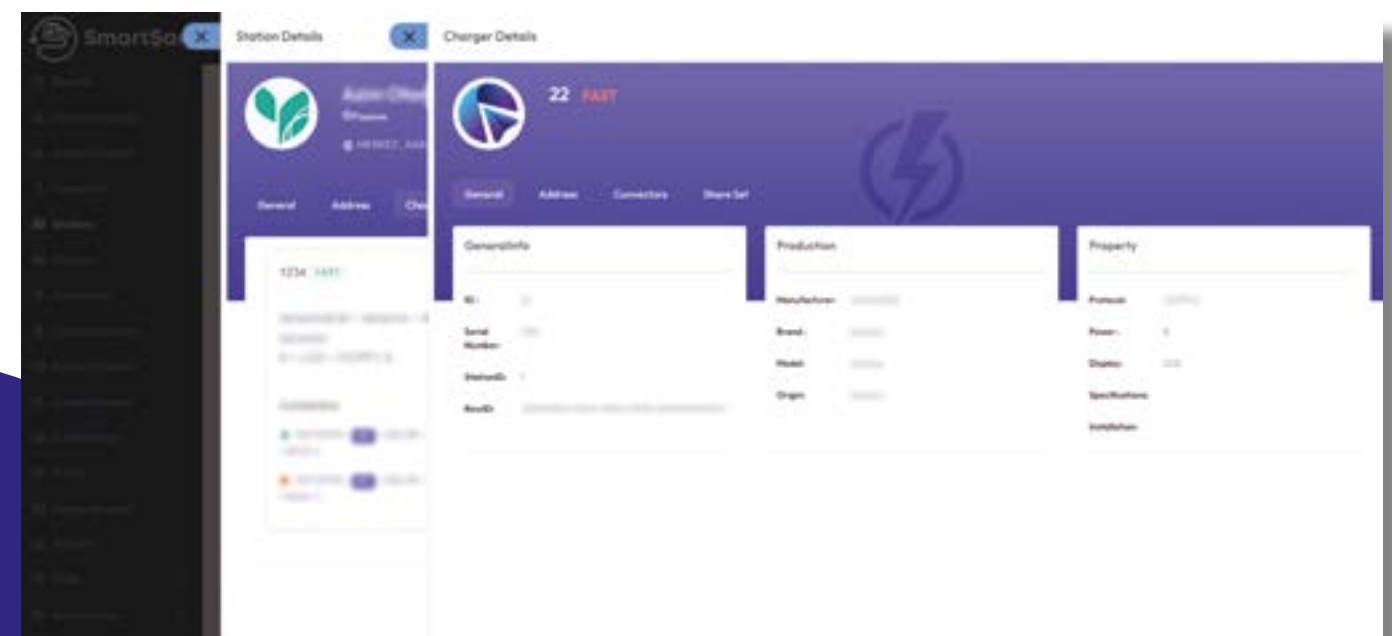
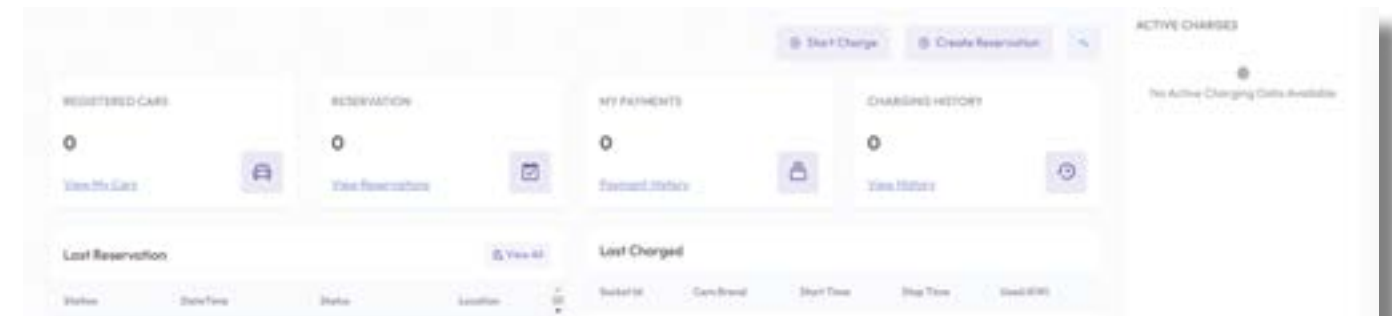
Charging Operations

- You can start charging by scanning the QR code on the device via web or mobile, by entering the code printed under the QR code or by selecting the desired charging unit from a list or map.



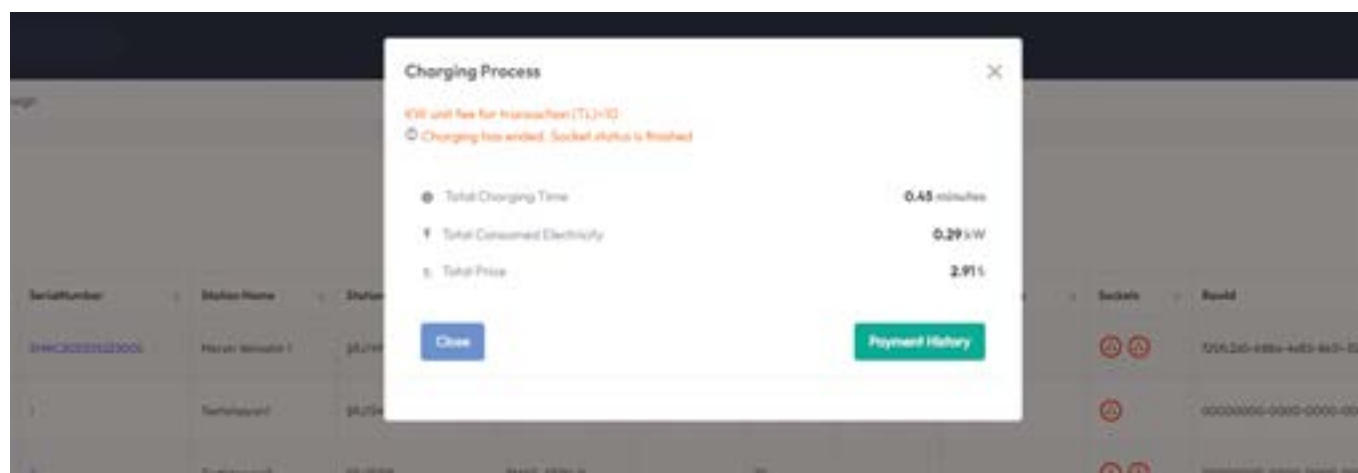
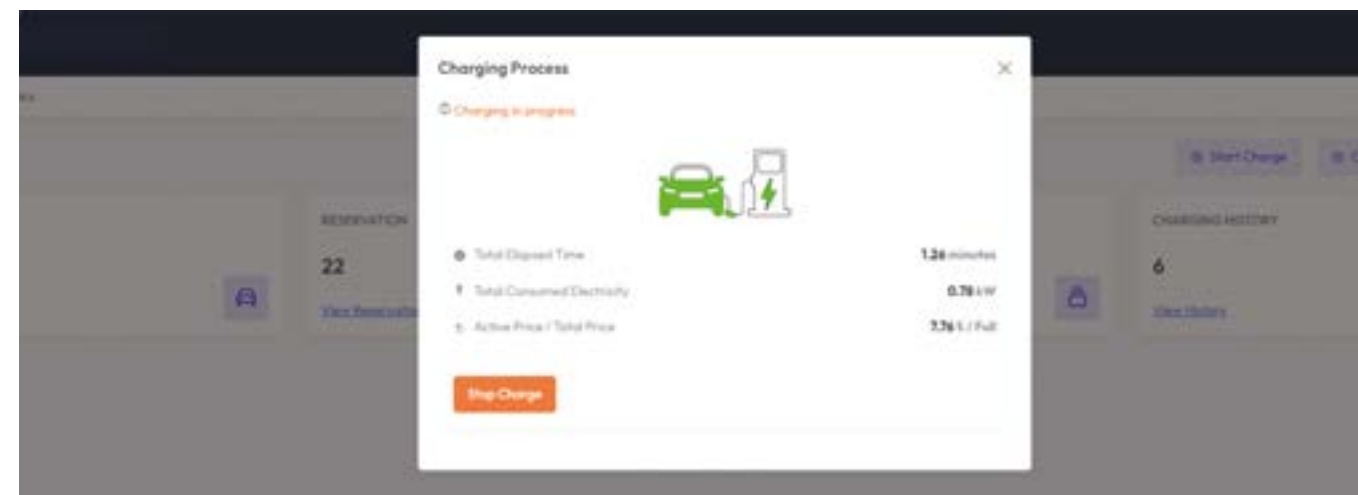
Charging Station Management System

- You can start charging process at different locations and view the instant live charging status.



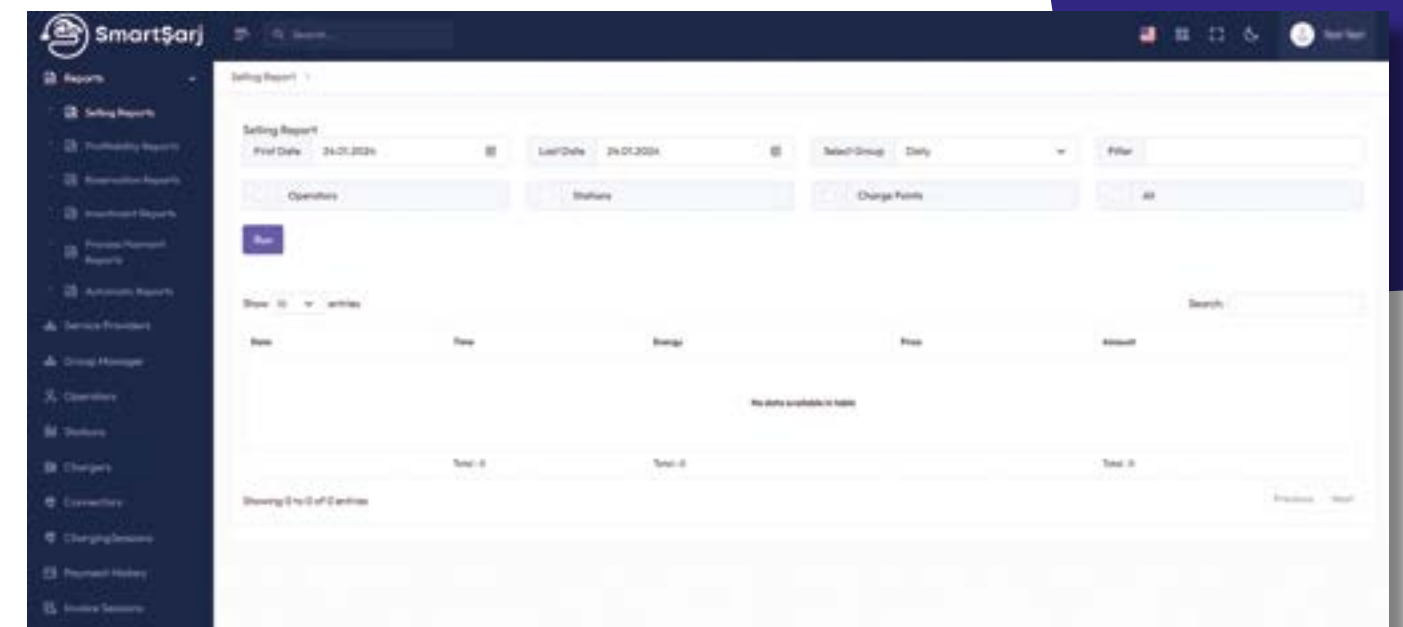
Powerful Reports

- We both report the past and help you plan the future...
- View Sales, Profitability and Progress Reports of your charging network via powerful reports that can be generated utilizing different criteria.
- Follow the reservation reports.
- You can create all reports between the dates you requested on “Operator” – “Station” – “Charging Unit”, “Customized Groups” basis, and you can filter them according to the criteria specified.



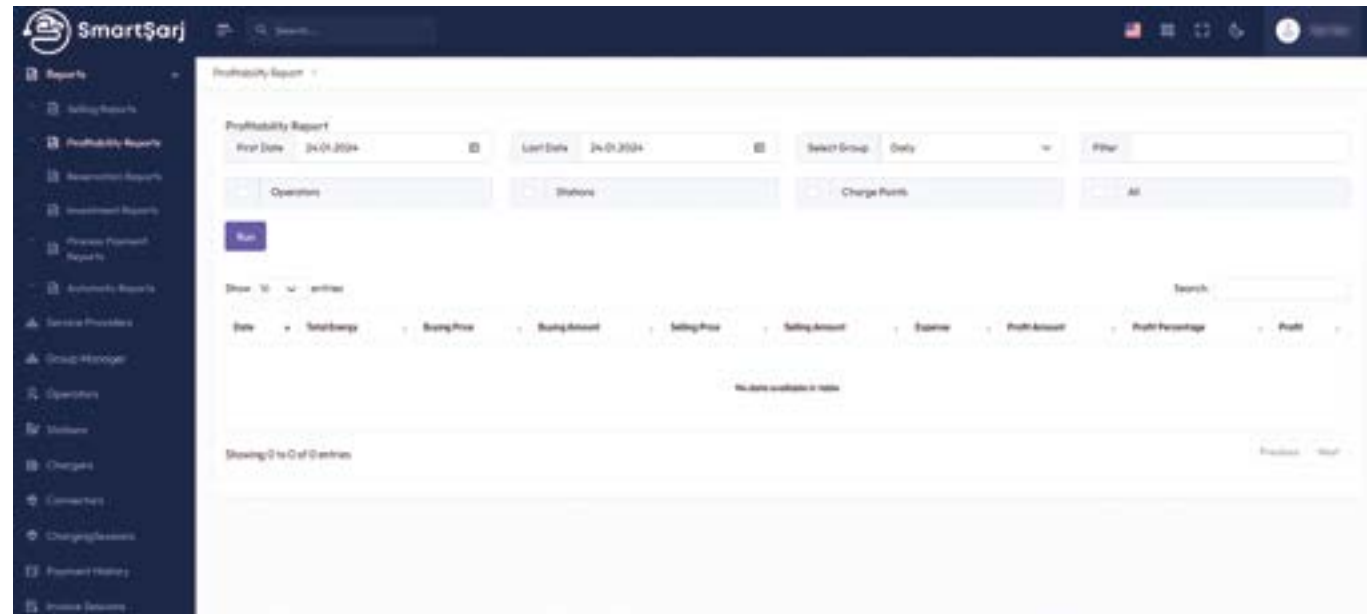
Sales Reports

- You can report sales according to the criteria you set.



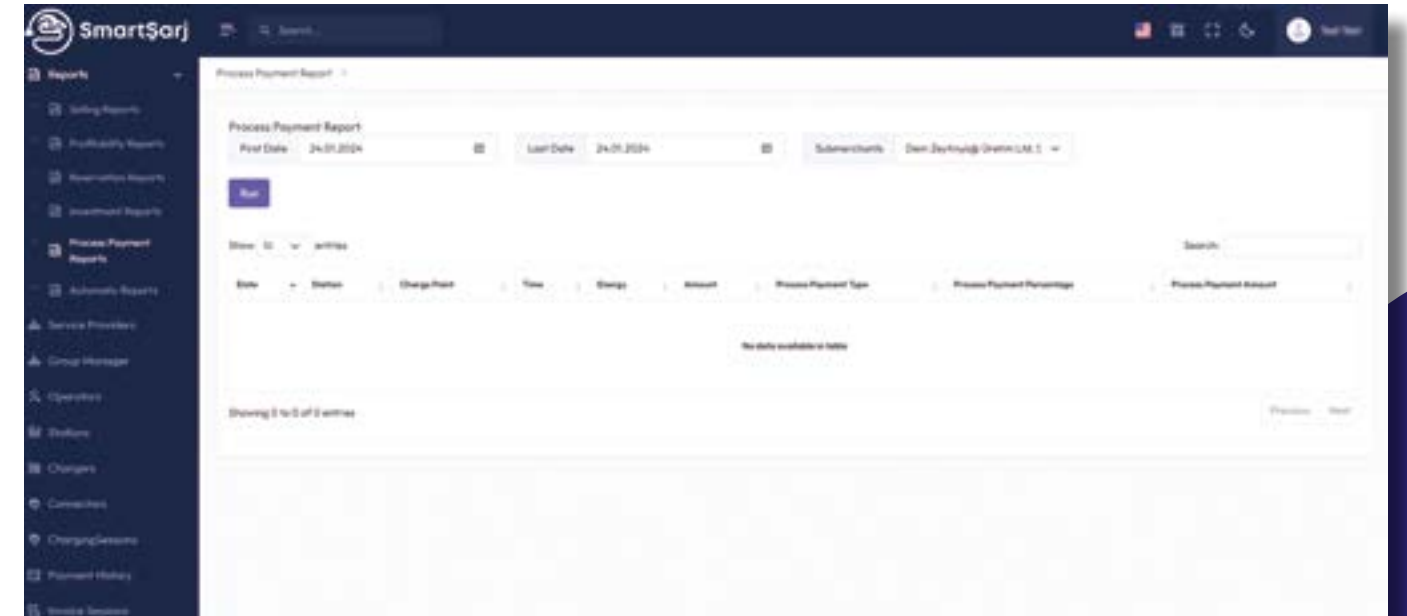
Profitability Reports

- You can report purchase-sale amounts, profitability and earnings according to the criteria you set.



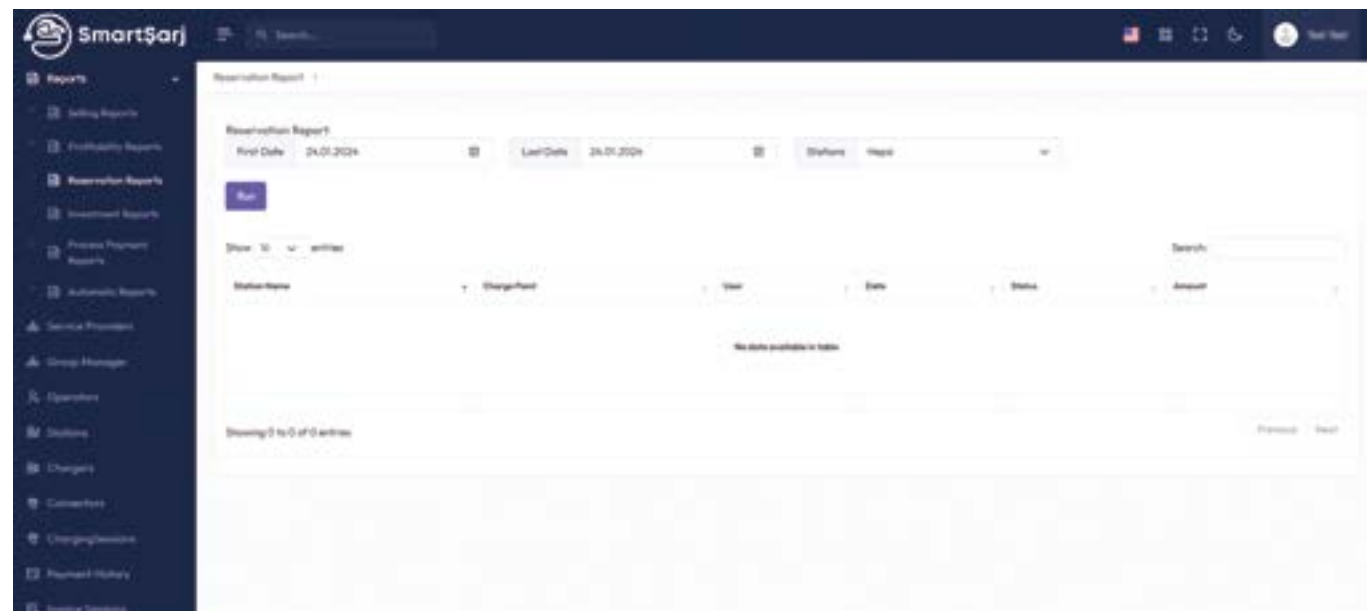
Progress Reports

- You can report the progress payment of each stakeholder according to the criteria you set.



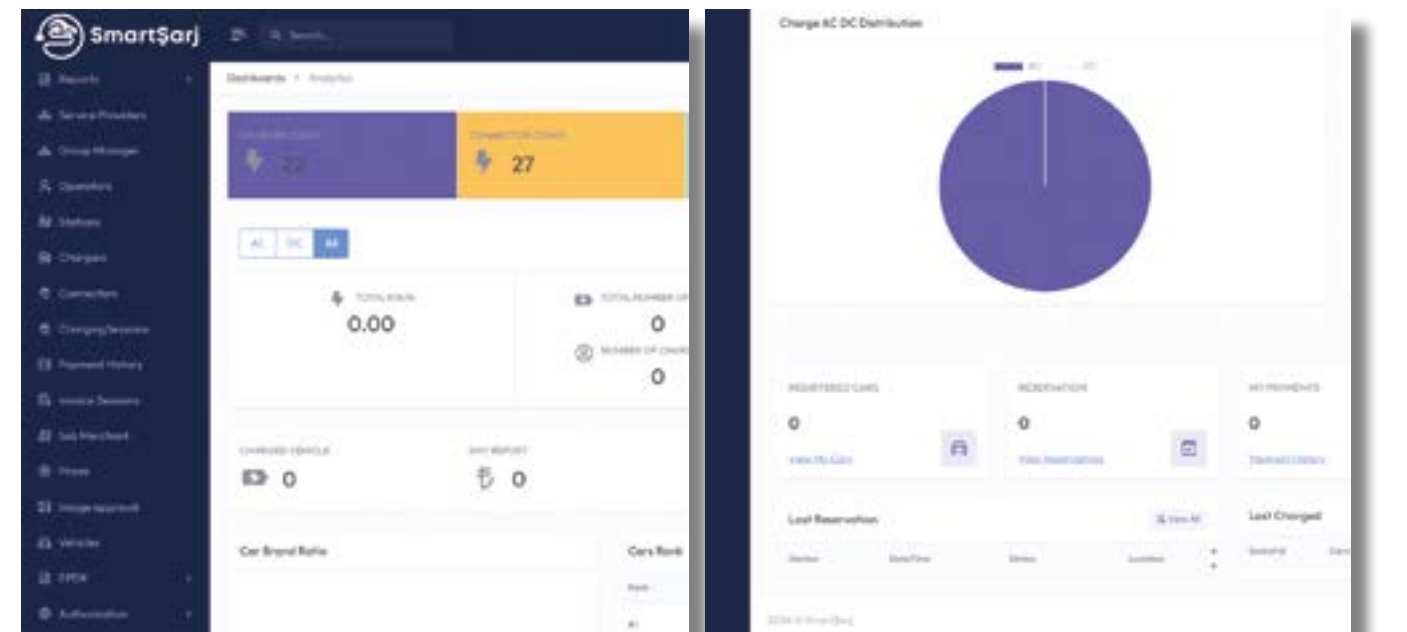
Reservation Reports

- You can report reservations according to the criteria you set.



Powerful Analytics

- We prepare our analysis to serve you to create new opportunities.



Investment Reports

- It is more than just reporting the data from the past for you. We organize the data collected upon request via our own algorithms and provide investment proposals. We estimate the profitability you can achieve when you invest. We work together to make a difference.

Region	Connector Type	Charge Point Count	Fleet Reservation Count	Standby Power	New Charge Point Count	Profitable Rate
Fah	DC	10	100	100	10	100%
Tale	DC	10	100	100	10	100%
Tale	DC	10	100	100	10	100%

- In order to create investment reports, data needs to be collected in the fields for a period of time.

Create Your Own Reports

- You know that you can create all reports on the basis of “All”, “Operator” - “Station” - “Charging Unit”, “Customized Groups” between the dates you prefer and filter them according to the criteria you need.
- What if we told you that you can also create your own reports...
We keep creating reports that can be beneficial for your organization. However, we also offer you dynamic reporting where you can create new reports in accordance with your expectations.

Roaming (Integration of Multiple Charging Network Operators)

- By “roaming” with existing charging network operators, all are integrated on the maps, and vehicle users are enabled to perform their charging operations via the web and mobile applications.

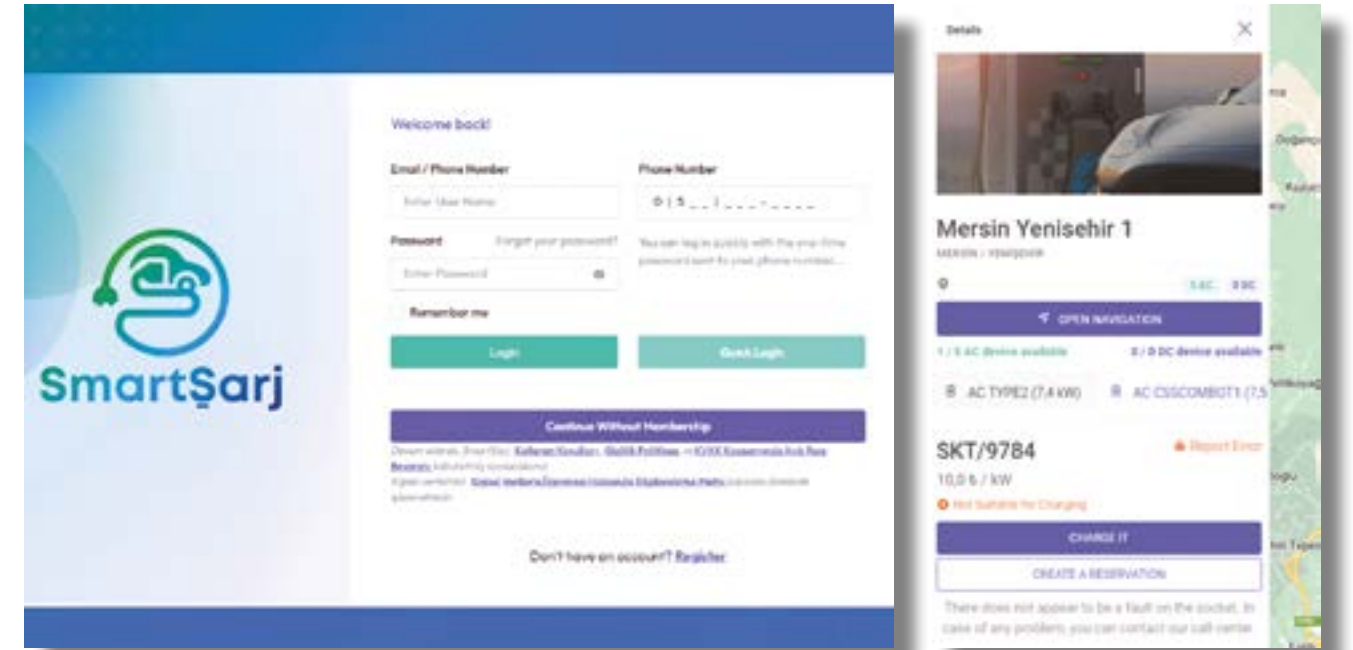


What else can you do?

- Customer loyalty apps
- Details of live charging status
- Producing Alarms and Notifications in case of interruption of communication with EV charging devices
- Keeping log records of all transactions
- “Roaming” with charging network operators

Map

- Not only you, but also everyone with the SmartCharge map app can view the devices in your charging network, their locations and instant availability.
- All data is collected instantly from the devices thanks to the infrastructure connected to each device via OCPP Protocol.



- SmartCharge Charging Network can be monitored by anyone who needs via instant status tracking on the map.
- The occupancy, availability, location and detailed information of the stations can be analyzed on the map.
- Electric vehicle owners can log in and add their personal data, view historical data, and perform the charging process via both web and mobile.
- By logging in, members can make reservations and start the charging process for the location they choose on the map.
- With the Scan&Charge feature, you can start the EV charging process without subscribing or downloading the app.



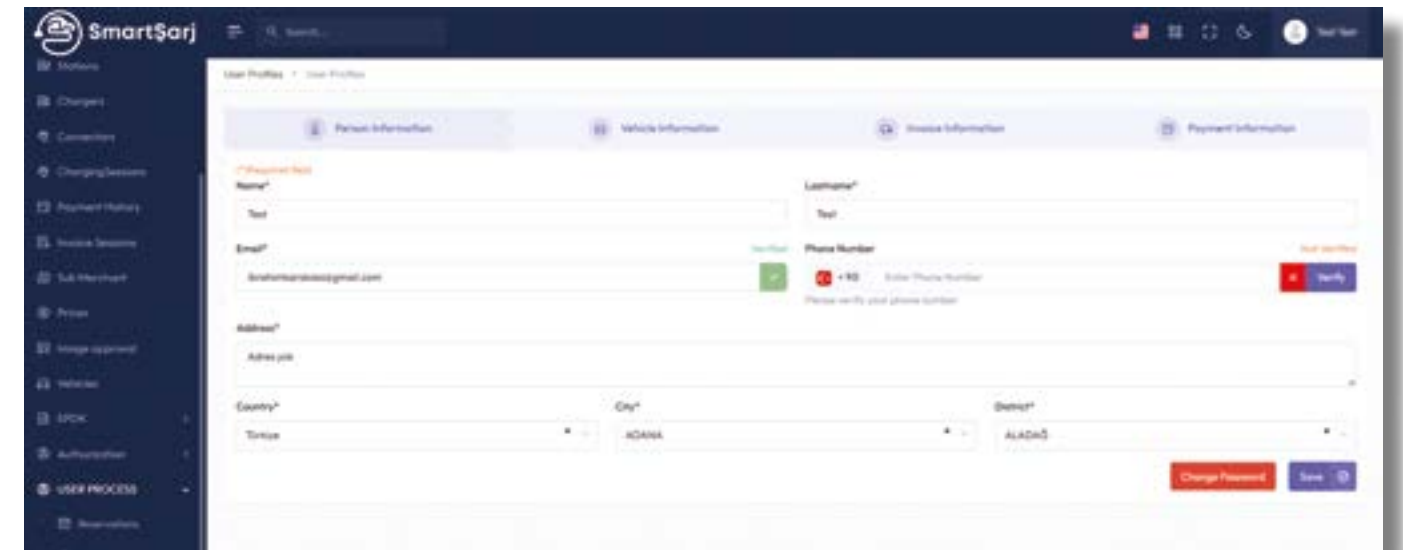
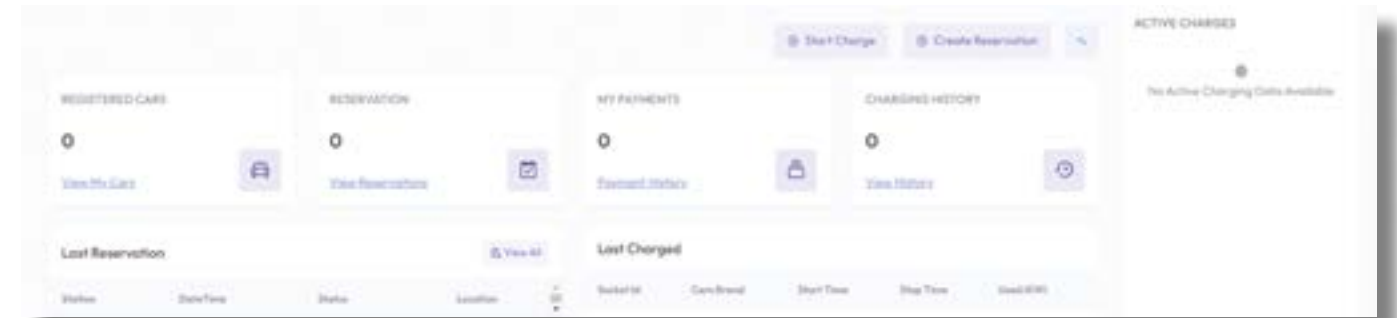
Invoicing (e-Invoice Obligation)

- According to the announcement published in the Official Gazette on 07.10.2023, taxpayers providing electric vehicle charging network and charging station services are required and obliged to switch to e-invoice.
- With Elpo e-Entegrator - SmartCharge integration, your e-invoice is issued directly with Elpo e-invoice as a result of any charging process and sent by SMS to the user who receives charging service.



User Operations

- In SmartCharge app, users can view and edit their own data, initiate a charging process, make reservation, view their active charges, charging and payment history.



Mobile Application



- View stations nearby, either as a list or on a map with live data. See the availability of all stations for the charging process simultaneously. Get driving directions and detailed address description.
- Navigate the station where you prefer to charge your car.
- Choose the payment method you prefer for your EV vehicle with data you have stored in the mobile app.
- Smoothly initiate and monitor the charging process.
- Organize a trip with charging stations along the way.
- View stations along the route.
- Make a reservation if you need to.
- List your past trips
- View your past charging and payment data.
- Start charging immediately as a member or as a non-member.

“With SmartSarj everything is so easy”

Redefine Energy

Smart solutions with SmartCharge



SmartSarj

Mobile Application



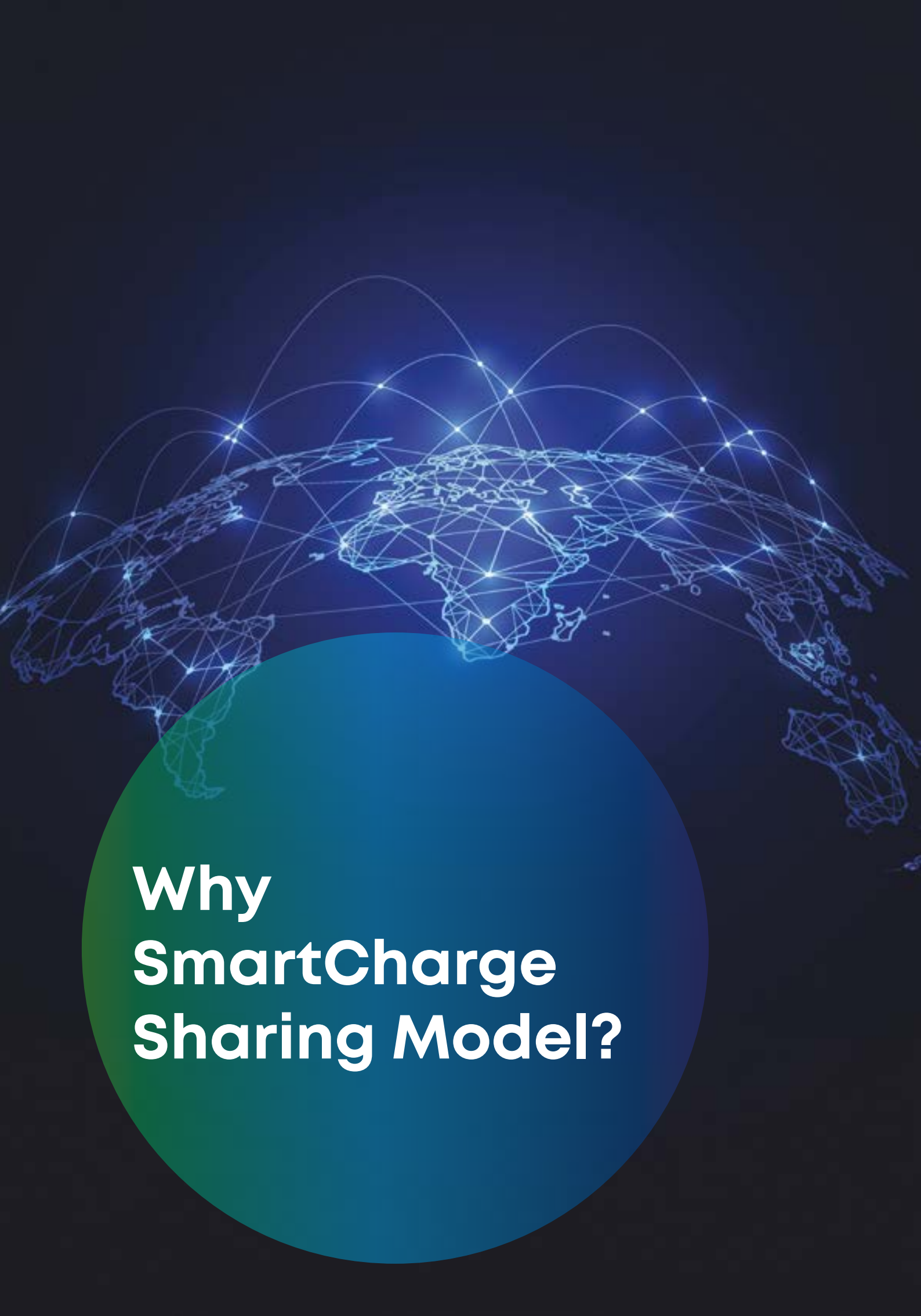
Make a
reservation.

Create
a journey.

Sign up
with ease.

Start charging
with one button.

View
instant data.
See the
stations.



Why SmartCharge Sharing Model?

Why SmartCharge Sharing Model?

Get the Software for Free

- You do not pay for the software. You get the management software that EMRA obliges Charging Network Operators to install and the mobile application for your users free of charge.
- SmartCharge does not charge you for the software. With the sharing model, you get the software free of charge and give SmartŞarj a small share of the charging transactions made by your users in the software.
- SmartCharge does not take a share for any transaction other than charging the user with the charging process.

Continuous Compliance with Regulations

- In our country, the installation and operation of Charging Networks and the transactions made through charging networks are under the control of EMRA. Primarily the Charging Service Regulation published by EMRA on its own website, the obligations regarding the establishment and operation of Charging Networks, obligations to institutions such as EMRA - RA, etc., the information to be sent are updated every day, and the content of these obligations is published from various points.
- SmartShare continuously follows the regulations and newly defined obligations with its expert teams. It adds the necessary functions to the application at the right time for its users to fulfill these obligations easily.
- In this period when the development of Charging Networks is increasing in our country, you can continue to fulfill the new obligations that will continue to be added with SmartŞarj. You do not pay any additional cost for these improvements.

Data Retention

- The obligation to keep the data generated in the application and application is also given to Charging Network Operators by EMRA.
- SmartŞarj performs all operations related to data storage, maintenance and security on behalf of you on its servers and storage units, which have a Main Data Center in Istanbul and a Disaster Recovery Center in Bursa.

Zero Server Cost

- Data retention, storage, server costs, maintenance and more...
- SmartSharge, with its Main Data Center in Istanbul and Disaster Recovery Center in Bursa, performs all operations for data storage, data security, continuous access to your data and you do not pay any additional fees for these.

Continuously Evolving Application

- SmartSharge is an actively developing software with a large and experienced Project Development team. SmartCharge is continuously developed by the Project Development staff, with the priority to meet the ever-evolving new regulatory requirements;
 - realization of user requests specific to you or your customers,
 - evaluation of field data,
 - With the work of the project development teams, the duration and functionality continues to be constantly improved.
- By using the SmartCharge application, you have constantly evolving and live applications.

Automatic Invoice Integration

- According to the communiqué published in the Official Gazette on 07.10.2023, taxpayers providing electric vehicle charging network and charging station services are required to switch to e-Invoice. At the same time, procedures and principles regarding the issuance and notification of e-invoices and e-archive invoices as a result of charging transactions have been defined.
- SmartŞarj Automatic Invoice Cutting module and Elpo Integrator Integration provides the opportunity to automatically invoice charging transactions in accordance with the specified procedures.
- With SmartŞarj Automatic Invoice Cutting Module, you can also send invoices through other integrators and applications that you carry out your invoice transactions.

Listens to You

- SmartSharge listens to you while continuing to develop with its active development team. It projects, designs and develops solutions suitable for your requests and needs with its expert team.

Offers Different Addable Modules

- SmartCharge offers you flexible add-on modules for additional solutions that can be integrated with the application. You can choose to use or not to use these modules according to your preferences.

24/7 Call Center

- SmartCharge offers 24/7 call center service to you, your team and your customers. No call center investment. Your customers get instant expert support quickly.

Fast Support

- SmartŞarj, with its extensive development, call center and consultancy teams, provides support to quickly advance the processes and solve the problems that you, your Charging Station Operators or your customers experience or may experience, or where help is needed.
- It cares about the satisfaction of you, your stakeholders and your customers.

Consulting

- SmartŞarj, EMRA application processes, establishment of Charging Networks, device and infrastructure selection, installations and more... SmartŞarj is at your side with its expert teams that will provide you with consultancy on all end-to-end issues related to the Charging Network.

Payment Systems

Pavo Contactless Payment Solutions:



We bring Pavo Payment Systems and EV chargers together!

Pavo, an essential solution partner of Milcom; while offering an Android-based solution, it will meet all your expectations with its high performance.

It offers you unattended payment, which is a must for EV charging stations, with Turkish Revenue Authority (RA) approval.

In addition, it offers the opportunity to receive payments simultaneously from several multiple electric vehicle chargers in the field via its multi-connection support. The ability to operate between -20 to +70 degrees will support your charging stations in various weather and geographical conditions without any problems.



BKM TechPOS operates in integration with over 20 banks and cards in the system.



Aktifbank - Albaraka Türk - AnadoluBank - Denizbank - Fibabanka - Garanti Bankası - Halkbank
İş Bankası - Kuveyt Türk - QNB Finansbank - Ozan Elektronik Para - Şekerbank - Türk Ekonomi Bankası
Türk Elektronik Para - Vakıfbank - Vakıf Katılım Bankası - YapıKredi - Ziraat Bankası



● **payter** Contactless Payment Connecting systems and chargers!

- Payter P6X family is the card pos POS system hardware of an end-to-end integrated software platform that creates flexible solutions within its various form factors for unattended sales environments, and supports many solutions in a single device approved by international payment schemes and financial institutions. As the P6X series is available in many different sizes and forms, it offers a variety of designs to provide the best future-ready solution.

It is a physical pos device connected end-to-end with all banks on BKM TechPOS infrastructure.



Anadolubank, DenizBank, Garanti BBVA, Halkbank, QNB
Finansbank, Türkiye İş Bankası, Vakıfbank, YapıKredi

Papara, Param, Sipay, Dgpays

● www.oxivo.eu ●



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