

The Siemens E-car Operation Center manages the charging infrastructure and the grid connection of the chargers. This solution provides semi-processed data to external systems for use in further processes (billing, telematics, etc.). The system addresses: charging infrastructure, end users/drivers and companies involved in mobility processes, such as charging contract providers, charging spot providers, operators in the free energy market and electricity distributors.

Basic Network Details

Intended Installation Setting	<ul style="list-style-type: none"> • Public • Workplace • Multi-unit dwelling (MUD)
Compatible charging equipment suppliers	Siemens
Network Connection Type	<ul style="list-style-type: none"> • Cellular - CDMA • Cellular - GSM • WiFi • Lan/Hard-wired Internet
Network services offered	<ul style="list-style-type: none"> • Control of charge rates (kW) • Equipment status monitoring • Payment processing and rate setting (\$) • Driver reservations • Equipment usage reports • Roaming between networks • Contract management
Forms of payment accepted	<ul style="list-style-type: none"> • Credit card • Network RFID tag • Mobile phone app • Paypal • Payment by phone
Does the charging network provide an OpenADR 2.0 Virtual End Node (VEN) for utility demand response integration?	Yes
Does the charging network allow equipment owners to set pricing for their stations?	Yes
Does the charging network provide data to equipment owners on station electricity dispensed and number of charging events?	Yes
Can the charging network provide access to charging station data to NYSEERDA directly, with the equipment owner/network customer’s permission?	Yes

Contact

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