

DEPOT CONNECT

# Designed to maximize the uptime of your electrified fleet

Efficient e-depots need a comprehensive approach to managing their operation and costs. Our Depot CONNECT software package provides everything you need to operate, protect, and maintain your charging infrastructure at the highest performance level.

[siemens.com/evdepot-digital](https://www.siemens.com/evdepot-digital)

**SIEMENS**

# All operating data and charge control *at your fingertips*

Our digital software solutions help you maximize your uptime while reducing CAPEX and OPEX. **Depot CONNECT** lets you benefit from enhanced operational transparency, reduced energy costs, increased availability, and smooth integration.

## ■ Reporting & Monitoring

View dashboards for all charging operations in a single application.

- Live monitoring of charger status and performance
- Detailed troubleshooting views
- Reports and statistics
- Export records via API

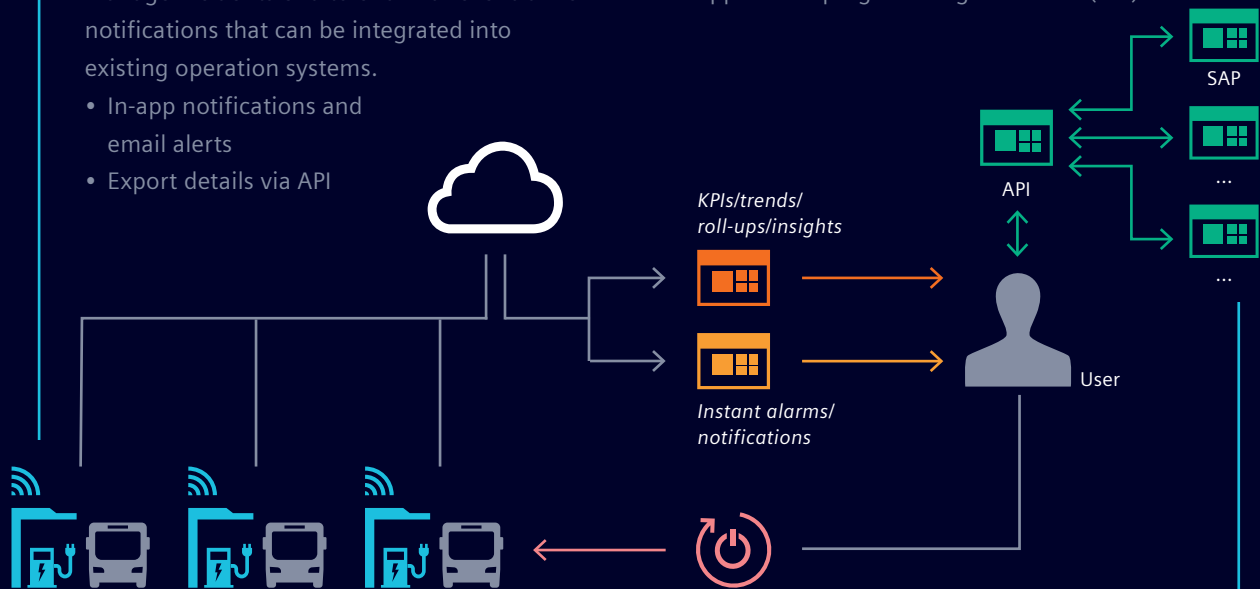
## ■ Automated notifications

Manage incidents end to end with event-driven notifications that can be integrated into existing operation systems.

- In-app notifications and email alerts
- Export details via API

## ■ API integration

Seamlessly integrate your e-depot operation with your charging management systems, telematics partners, and others via application programming interfaces (API).



## ■ Smart charging

Control your chargers to manage, shave, and distribute your e-depot's load.

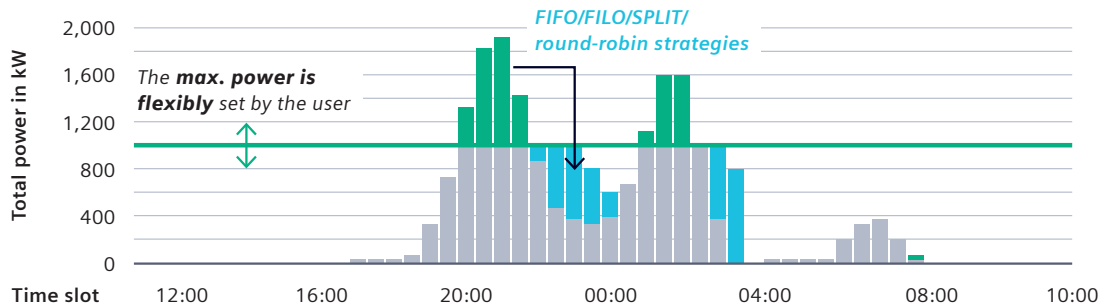
- Load-shaving between chargers
- Preset maximum power levels for charger groups
- Preset power constraints for control groups (hourly/daily/weekly)
- Prioritization algorithms (first-in-first-out, first-in-last-out, SPLIT, round-robin)

## ■ Remote reset

Reduce maintenance visits and safeguard your charging schedule by clearing charger faults and resetting/rebooting your chargers remotely.

## Load-shaving with Depot CONNECT

flattens the peaks to reduce power demands and protect the infrastructure.



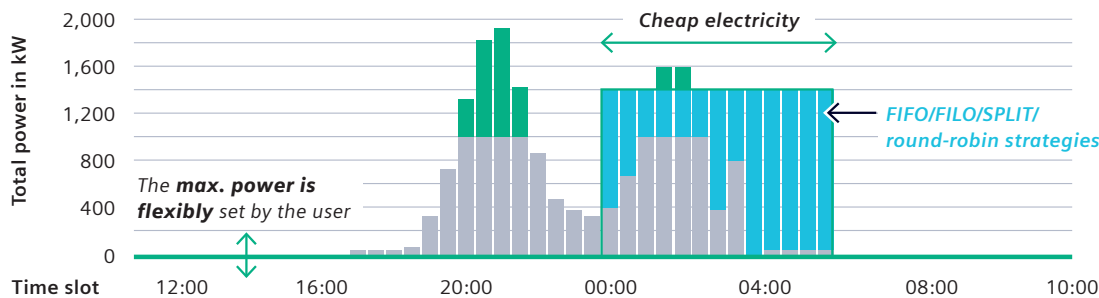
Without **SMART CHARGING**, the charging operations are uncontrolled and start whenever buses are plugged. This results in power peaks above the depot's maximum power capacity.

**Depot CONNECT** allows the user to set power limits for charger groups; in other words, load-shaving.

Smart charging approach to **protect the power capacity** of your e-depot.

## Load-shifting with Depot CONNECT

shifts power demand from time periods when electricity is expensive to time periods when electricity is cheap



Without **SMART CHARGING**, the charging operations are uncontrolled and start whenever buses are plugged. This results in power peaks when electricity is expensive.

**Depot CONNECT** allows the user to set power limits for charger groups; in other words, load-shifting. This moves the demand for electricity to times when consumption is less expensive, reducing the operational costs for the fleet.

Smart charging approach to **reduce the energy costs** of your e-depot.

## Dynamic scheduling of charging operations

Depot CONNECT provides the right charging algorithms regardless of the layout of your e-depot. FIFO, FILO, SPLIT, or round-robin – the algorithms ensure that a given maximum power capacity is never exceeded and the available power is dynamically distributed to all connected vehicles.

Prioritization algorithms help you **organize the charging of your fleet.**



**Contact us**

Learn more about our smart software solutions for e-depots.

Smart Infrastructure intelligently connects energy systems, buildings and industries, enhancing the way we live and work to significantly improve efficiency and sustainability.

We work together with customers and partners to create an ecosystem that both intuitively responds to the needs of people and helps customers achieve their business goals.

It helps our customers to thrive, communities to progress and supports sustainable development to protect our planet for the next generation.

Creating environments that care.

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