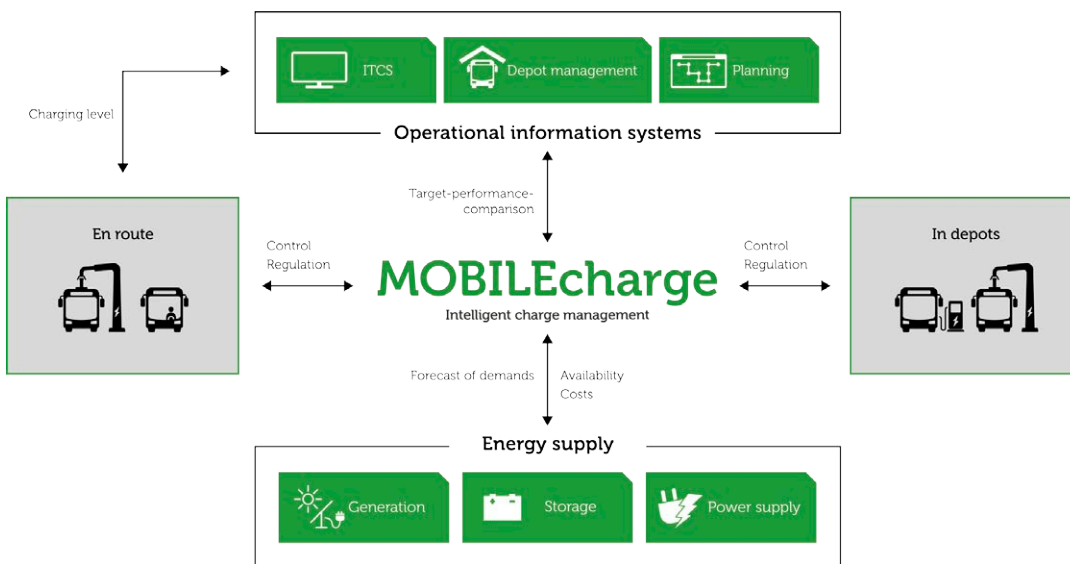


MOBILEcharge

Intelligent Charge Management



With more electric buses in the fleet, there is an increased need for well-coordinated charging. After all, a large number of vehicles will require a significant amount of power within a relatively short time frame. MOBILEcharge ensures parallel, controlled, and automated charging processes at the depot by connecting charging points, the electricity supply, and operational information systems.

In case of unplanned interruptions of charging processes, MOBILEcharge ensures that they are restarted. Incompleted loading processes are reported to the ITCS.

By actively controlling the charging processes, the loads can be shifted in such a way that the peak power, and thus the overall costs, can be reduced but the vehicles are still available in time and pre-conditioned.



Driving electromobility forward with efficient charge management



Cyclical charge planning



Energy requirement predictions



Load management and balancing

Cost savings through peak shifting



Monitoring of charging processes and alerts

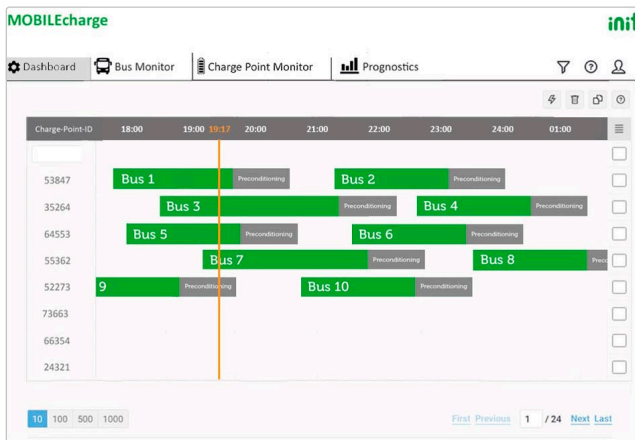
Reporting



Integration into the application landscape of ITCS, depot management system, planning system and energy supplier

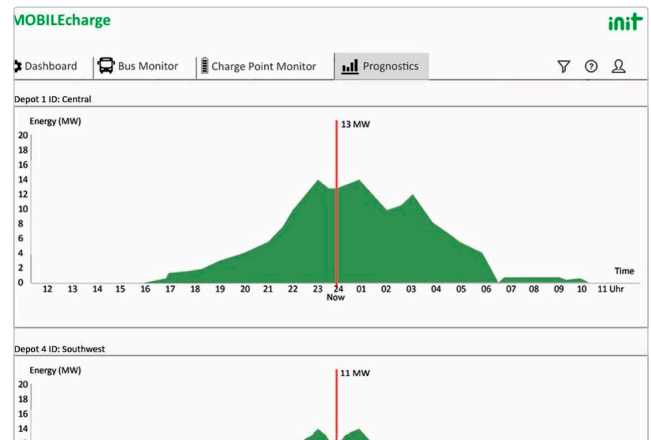
MOBILEcharge

- Optimizes fleet charging, based around operational requirements
- Avoids expensive peak loads
- Provides preconditioning for vehicles
- Delivers predictive analytics to optimize tariffs
- Prolongs the battery life
- Integrates decentralized generators and storage systems



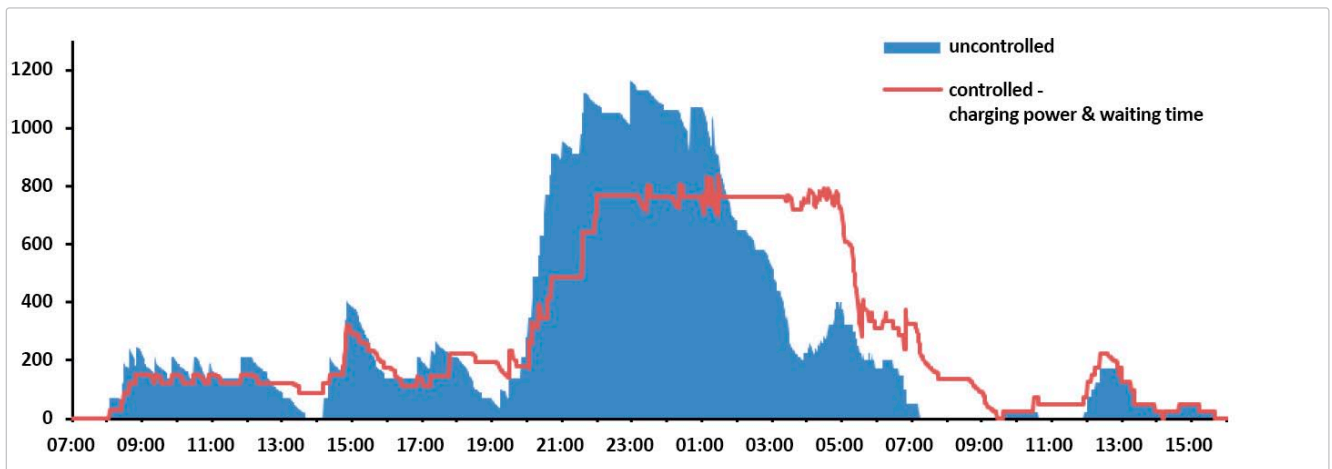
Charging plan and preconditioning

A loading plan is drawn up for the entire fleet, taking into account operational data.



Prediction of energy requirements

For the next 24 hours based on historical values and operational forecasts.



Control of loading processes

Reduction of the peak power and thus the total costs.

All information in this data sheet are to be perceived as proposals for configuration and don't necessarily belong to the basic scope of supply. The product is individually set up in accordance with customer requirements and corresponding commissioning.

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The Future of Mobility