ZAPTEC Portal

What truly distinguishes ZAPTEC from its competitors is the cloud-based administrative tool that accompanies the charging system – whether you order one or 100 charging stations. ZAPTEC Portal is the brain behind our smart charging infrastructure. It continuously monitors, balances and optimizes the load between the various charging stations.

The ZAPTEC Portal contains a wide range of useful tools. Here you can view and export the full charging history for the entire installation, individual charging stations or users for a specific time period. Installers and owners of charging installations can easily keep track of their installations in the ZAPTEC Portal.

ZAPTEC Portal is a key component in providing a future proof charging infrastructure. The systems are continuously being improved, and new features added. Updates and new features are made available to all ZAPTEC Pro owners, new and old. Ensuring your investment for the lifetime of your charging system.

Authentication and payment

Some charging systems are open for the public, while others should only be accessible by a single individual. In ZAPTEC Portal, you as a charging system owner, can lock down your charging system, requiring users to identify themselves before being allowed to charge. You control who can use chargers in your system, by giving usage permission to either the system or individual charging stations through ZAPTEC Portal.

Individuals can identify themselves through various means, e.g. using a charge card or using our ZAPTEC Charger app.

Our API allows external authentication systems to be integrated.

Reporting

ZAPTEC Portal provides a wide range of reporting features:

- Owners can access the full charge history of all ZAPTEC's in their charging system.
- Owners can also view and export usage summaries, grouped by either individual users or charging stations. These summaries contain energy used and time connected, grouped by either individual user or charger. Summaries is a simple way to track usage for individual users in your charging system, allowing the installation owners to charge users for their usage.
- Individual users can see their own charge history across all authenticated ZAPTEC Pro chargers.

Monitoring

ZAPTEC Portal provides charging system owners access to a wide range of information. The most useful is probably the installation dashboard, that contains real time insight into the charging system and its charging stations. Owners can also subscribe to e-mails that notify of any detected errors, e.g. chargers that have lost their network connectivity, defective charging cables etc. With ZAPTEC Portal you'll always know what's going on in your charging system!

Load and phase balancing

Online ZAPTEC Pro systems are load balanced by our backend. We continuously inspect a wide range of parameters, like available current and load, to determine the optimal charge power and phase for each individual charging station in a system. Load balancing allow the charging system to utilize the available energy as efficiently as possible, in addition to balancing the load across the available phases.

Load and Integration

Our charging systems can easily be integrated with 3rd party solutions to provide external authorization and monitoring. ZAPTEC Portal can act as a bridge connecting ZAPTEC Pro systems to OCPP-J 1.6 Core enabled cloud solutions, for charge authorization and monitoring.

ZAPTEC also provides an API that can be used to get access to information and charge history for charging systems you own. We are continuously working on extending and improving the API.

Built on tested technologies

ZAPTEC Portal is running in the Microsoft Azure cloud infrastructure. Azure provides us with a safe, reliable and scalable platform.