



EMOBILITY AND SMART BUILDINGS

Intelligent and integrated **EV charging solutions**

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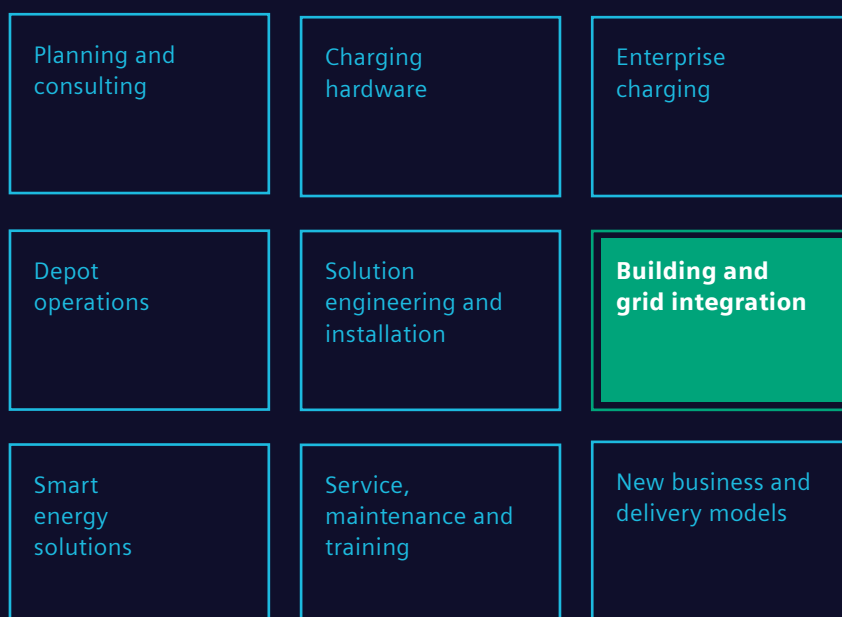
Technological progress is allowing us to make the world a smarter, cleaner, and more efficient place – not least through emission-free electromobility. Many communities, building operators, and companies are just beginning their own eMobility journey with the consideration of suitable charging infrastructures.

At the same time, they are facing major challenges:
What charging hardware do I need? Where does the electricity come from, and how can I avoid rising energy costs?
How can I easily manage the installed eMobility infrastructure?

Simply installing the systems is not enough. A successful eMobility journey starts with an understanding of your existing infrastructure, your requirements and those of the building users, and last but not least, the requirements of the network operators.

Perhaps just as important as the EV charging solution are the comprehensive services that enable its trouble-free operation while extending its lifecycle. Relying on the right partner is a critical first step to ensure your investment will accommodate today's requirements and also scale to meet tomorrow's needs.

Our integrated eMobility portfolio



Make electric vehicle charging a **piece of cake**

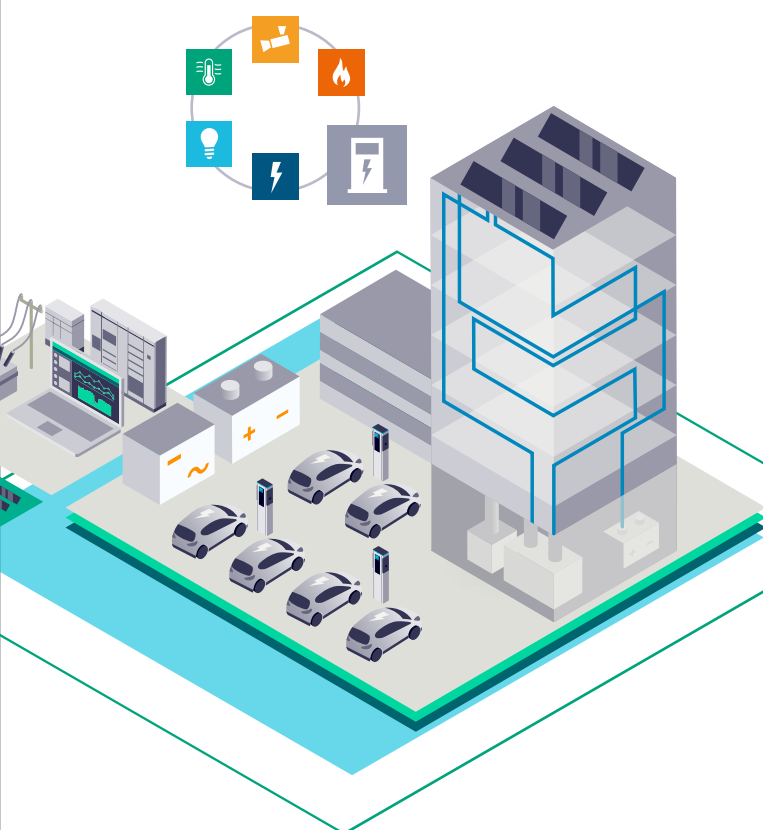
When planning and installing charging infrastructure, we offer you its perfect integration into both the power grid and your building's IT/OT system. Our Desigo® CC building management system, in combination with our cloud offerings, opens up centralized control, transparency and scheduling of your charging infrastructure, enriching the experience of your building users.

Easy operation and management

Desigo CC, with its familiar, intuitive user interface, not only provides you with reliable reports, trends and alarms. But it also allows you to monitor and manage your eMobility infrastructure together with the HVAC, fire, security, power and lighting systems in your building, i. e. automatically stop charging in the event of a fire alarm. Additionally, you can keep your power consumption within the agreed reference band through peak shaving, thus minimizing your electricity costs.

Paving the way to billing and end-user convenience

Your needs may also include special tools for billing or the active management of billing options and different tariffs? Desigo CC in combination with our cloud applications supports you perfectly in these tasks, for example through our web portal for operators bundling all billing-relevant data in one place. With our charging solutions, you provide your employees, field staff and customers with many benefits such as the ability to reserve a charging station before arrival via a smartphone app. Locating a fully charged company vehicle and simply authentication at a charging station via app additionally improves employee productivity and satisfaction.



Profit from Desigo CC and the cloud

- **A single user interface for all building equipment** – from eMobility infrastructure to HVAC, fire, security, energy, and lighting
- **Centralized command and control** – status view and management of the charging stations at all times in Desigo CC
- **Avoid extra power costs** – using Desigo CC features for peak shaving
- **Optimized user convenience** – enable reserving a charging station or finding a fully charged company car on the campus for your next business trip via a mobile app
- **Seamless authentication** – simplify registering at the charging point using a mobile app

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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