

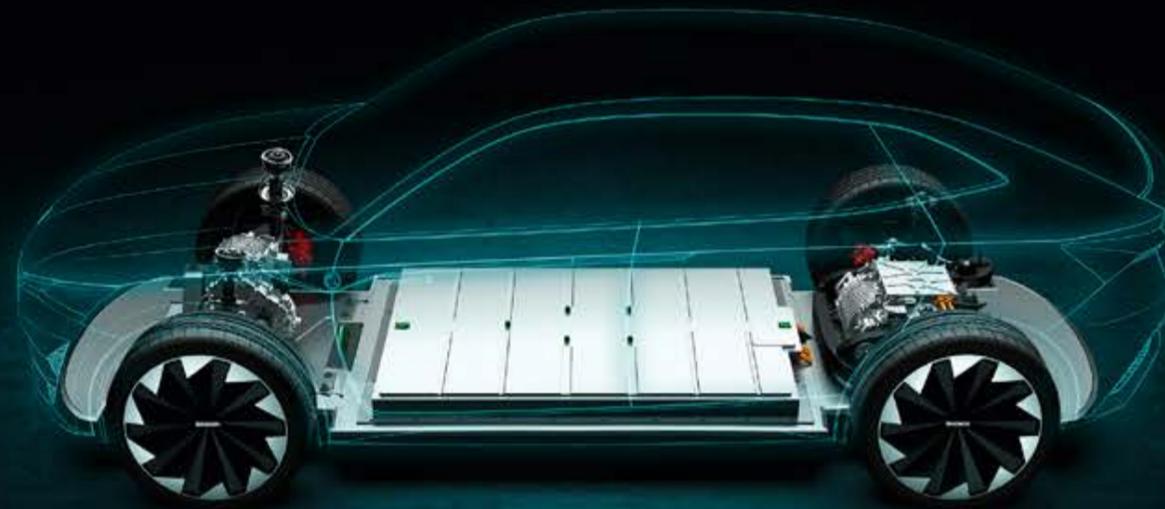
ŠKODA AUTO EXTENDS THE LARGEST DATA CENTRE

THE COMPANY'S SITE INCLUDES THE CZECH REPUBLIC'S **LARGEST CORPORATE PRIVATE DATA CENTRE.**

Further development of the data network is one of the preconditions for accomplishing the Company's Strategy 2025 whose key pillars include electric mobility, connectivity and autonomous driving. To continue growing, ŠKODA AUTO places a strong emphasis on digitalization and data processing. Towards this end, the Company is now substantially extending its Data Centre, a top-class facility that, in many respects, is unrivalled in the Czech context: for example, the Centre boasts the highest computing power per sqm.

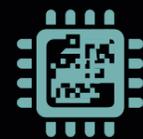


ŠKODA



15,000,000,000,000,000

operations/second



The target computing power is 15 PFlops (the current power is 1,6 PFlops). The computing capacity will be increased tenfold.

10 MW

The total available power input

is equivalent to more than 250,000 ordinary notebooks.

IT area enlarged

1 700 m²

After

700 m²

Before



6,500

servers

with a storage capacity of up to 100,000 TB (100 PB)

500 racks



Total number of racks in



6 rooms



ŠKODA AUTO: A data-driven company

The Czech-based car manufacturer is already heavily relying on digital data processing. The key areas in terms of processing large quantities of data include:

> Technical Development

The whole development process is digitalized, from the first sketches to 3D models. Computers are used to simulate lifespans, deformations of individual components, etc.

> ŠKODA Design

New technologies, such as (computing-intensive) virtual reality, facilitate car design operations as well as production processes.

> ŠKODA AUTO DigiLab

Oriented to new technologies and start-ups, this subsidiary uses all available achievements of the digital era.

> Production and Logistics

Even production operations are controlled digitally today, including technological procedures, ergonomic analyses, material & components traffic simulations and machinery maintenance.



Did you know that...?

Every hour through the cooling circuit flows more than 4200 cubic metres water with glycol. **The heat generated during the water cooling, will be used for heating offices.**

The new computing room features **3 independent circuits**, each with a cooling power of 1 MW. With their high power output in mind, the servers are cooled by direct water cooling, because the site can use as many as **116 racks producing up to 72 kW of power per rack.**

The Data Centre building is fitted with more than **210 kilometres of electrical cables.**

The back-up supply sources may ensure uninterrupted full-performance operation for several days.

The capacity of the modular Data Centre can be simply extended in the future. There is no office in the building, all Data Centre monitoring operations are performed remotely.