



A SOLUTION WITH A FUTURE

Computacenter develops and implements a cloud-only infrastructure for Digital Charging Solutions



SERVICES

- Microsoft Office 365 Cloud Transformation
- Mobile Transformation
- Supply Chain Services
- Strategy & Advisory Services
- Design & Build Services

USER EXPERIENCE

- Improved user satisfaction
- Enhanced agility and mobility

BUSINESS IMPACT

- Enhances financial control
- Boosts business agility
- Quick on-boarding of new employees
- Agile and dynamically growing IT infrastructure

OBJECTIVE

Under the brand "Charge Now", the Munich start-up company Digital Charging Solutions is establishing a global charging network for BMW electric vehicles. What was required was a fundamentally new digital infrastructure which would be quickly available and capable of flexible growth.

Following the principle "Cloud first", the BMW Group spin-off completely dispensed with a dedicated IT infrastructure. This approach should mean that employees can be quickly equipped with predictable costs. At the same time, it is possible to flexibly add new services and capacities in the future as required.

SOLUTION

Based on Microsoft Office 365 and Azure cloud services, Computacenter developed and implemented the optimal architecture for Digital Charging Solutions within a very short timeframe. This pragmatic approach met the company's demand for fast operational capability.

OUTCOME

With this cloud-only concept, Computacenter has demonstrated that young companies in particular can do without with a separate IT infrastructure, without compromising performance and can even increase security. At the same time, the costs for the services consumed are moderate and remain fully transparent.



OBJECTIVE

Cloud-first – New build of the entire IT infrastructure.

Digital Charging Solutions, a spin-off from the BMW Group, is growing dynamically in the electromobility market. The objective was to construct a completely new IT infrastructure in the cloud, without any on-premises components, except the necessary client computers.

“For this, the company required maximum security and flexible working from anywhere in the world, as well as the ability to introduce new services at any time”, says Volker Gersbacher, Consultant at Computacenter.

“Very fast implementation was vital for us in order to ensure the spin-off and set-up for a start-up company such as ours. Our requirements were for state-of-the-art technologies and a pragmatic approach, as well as the ‘Cloud-first’ principle”, says Adrian Reichelt, Head of Technology at Digital Charging Solutions. In addition, the costs which were incurred were to be transparent and manageable over the entire period of the project.



The cloud solution which Computacenter provided is optimal for us as a young and rapidly growing business. The infrastructure was available within a very short timeframe. The costs are clearly defined and the solution will grow with our business and can be easily adapted to new requirements.

Adrian Reichelt
Head of Technology
Digital Charging Solutions



SOLUTION

Maximum security in the cloud.

Computacenter met the customer’s requirements within four weeks, using Microsoft cloud technologies. Employees were provided with the necessary functionality through Microsoft Office 365. Additional services from Microsoft Azure provide Digital Charging Solutions GmbH with computing capacity and new functions in security and the management of mobile devices.

Computacenter supplied the employees with modern Microsoft Surface Convertibles, which can be used either as tablets or laptops, as well as Apple iPhones. The introduction of technologies such as Microsoft AutoPilot and Apple’s Device Enrollment Program enable provisioning of the devices, which are then configured automatically. “Automated provisioning of clients, supported by innovative services from the cloud, is very interesting for many companies”, comments Ulf B. Simon-Weidner, Solution Manager at Computacenter.

Computacenter will continue to support the Munich company in the future with continuous development of the solution and the introduction of new services. Ulf B. Simon-Weidner considers that the reservations which are often expressed regarding cloud solutions such as this have been refuted: “We offer maximum security at many points, starting with e-mails, multi-factor authentication and an authorisation control which depends on a large number of parameters [Conditional Access]. We can cater for these issues more easily using the cloud than with on-premises solutions.”

Thanks to Mobile Device Management from Computacenter, data on lost or stolen devices can be reliably deleted. Additionally, Microsoft Azure provided defined Compliance Policies, which verify which documents are allowed to leave the company. The same applies for the checking of incoming mails. Furthermore, Privileged Identity Management ensures that administration rights are only issued temporarily on request.

ABOUT DIGITAL CHARGING SOLUTIONS

Digital Charging Solutions is a spin-off and subsidiary of the BMW Group, headquartered in Munich. The business's objective is to provide digital services relating to charging electric vehicles for BMW customers. The first charging points are already available in Germany and several neighbouring countries.

OUTCOME

Cloud solution with predictable costs

A few months after the commissioning of the cloud solution, Head of Technology Adrian Reichelt has a thoroughly positive impression: "As a young company, with the aid of Computacenter, we were not only able to quickly set up the necessary infrastructure, but also received the necessary support in our day-to-day business. We are also able to respond flexibly to new requirements."

The costs for the services we order are fixed and therefore easily calculated. Thanks to the end-to-end concept and support from Computacenter, the customer has no administrative effort, such as the management of IT solutions or on the enrolment of new employees, who are now equipped with clients and smartphones which configure themselves automatically.

"With our solution for Digital Charging Solutions there is a clear statement of the costs for IT services per employee and per month. Everything can be planned and there are no longer any surprises with the budget", emphasises Volker Gersbacher.

"Computacenter always responded quickly and pragmatically to our requirements. We also greatly appreciated the high level of expertise shown by this IT service provider in the implementation of cloud projects, as well as their proactive work attitude", summarises Adrian Reichelt.

MORE INFORMATION

To find out more about our cloud services and read more customer case studies, please visit www.computacenter.com