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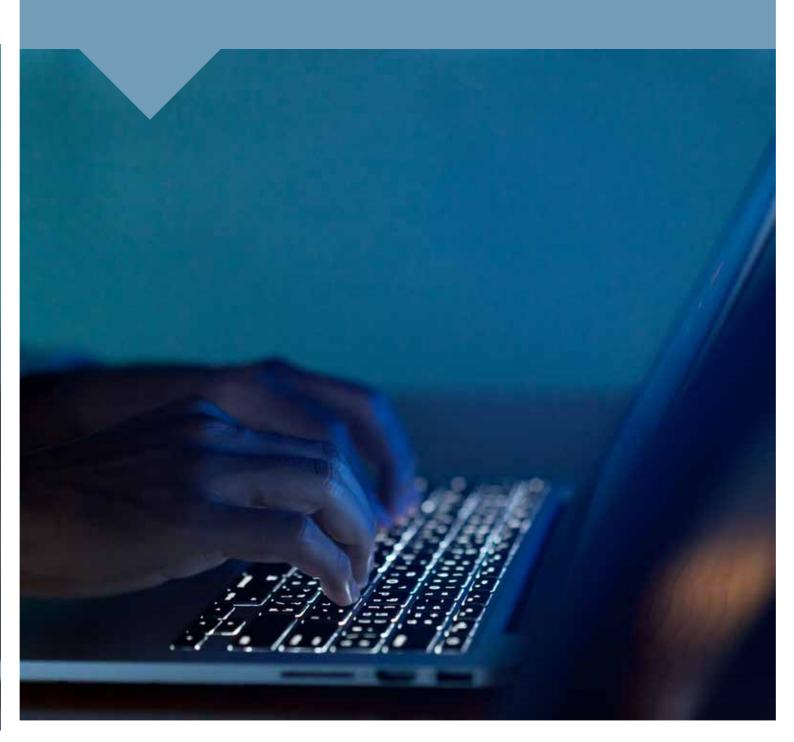
Bechtle Public Belgium

# Cloud solutions.

The changing role of energy and utility companies increases the need for cloud solutions.

**Utility.**

## The changing role of energy and utility companies increases the need for cloud solutions.

Energy and utility companies are very much in the public eye. Energy prices are rising, and the need for environmentally friendly energy supply solutions is bringing about many changes and challenges. It is clear that the task of energy and utility companies is no longer limited to the provision of electricity, water or gas alone. Those who have solar panels, for example, also produce electricity themselves. Data on this and other aspects of energy provision must be available to end users in real time, which means that companies in the energy or utility sector must be able to provide the necessary data storage, in the cloud, for example. Bechtle will be happy to advise you on the possibilities.

## Bechtle supports energy and utility companies with digital transformation.

'Smart grids' will soon become part and parcel of operating in the utility sector. Yet integrating digital storage in the cloud or implementing systems to make this possible is a major challenge for many companies. The key question is how you, as an energy or utility company, can reorganize to meet this challenge without reinventing the wheel. That is exactly why it is important to seek the services of a specialized yet accessible IT partner such as Bechtle. At Bechtle we are happy to support you in achieving this digital transformation.

Smart energy products demand inventive cloud solutions In order to make far-reaching digitalization possible, it is worthwhile to consider whether you, as an energy company, can store data in the cloud. In a smart grid system, the cloud is not only the central repository for hard data, such as names and addresses, but also for the data necessary to perform data mining and employ artificial intelligence systems. Ensuring the successful integration of IoT-enabled systems, such as smart thermostats, is also an important reason to embrace storing data in the cloud.

# Need for data storage in the cloud is increasing dramatically.

The trend towards storage of data in the cloud by energy and utility companies is clear. Ninety per cent of the data in the world has been generated in the last two years alone, and as the Internet of Things comes into its own a true tsunami of data is approaching, according to an article in Forbes magazine. The demand for green electricity, the need for cost-efficient management of power and water and, moreover, compliance with the associated environmental regulations will only further fuel the demand for cloud storage.

**Applications of cloud solutions for energy and utility companies.**
Data storage in the cloud can provide energy and utility companies with practical solutions that benefit both the companies and consumers:

▎ Management of the power supply for electric vehicles via public and private charging points, through the use of smart cables, for example. Good data management is necessary for correct calculation and billing of the associated costs.

▎ Providing insight into the yield of solar panels at private homes and businesses so the system of solar panels can be further improved.

▎ Support for the Internet of Things, and the associated data storage in the cloud, which is a prerequisite for the rollout of IoT-enabled heat pumps and thermostats.

▎ Easy, convenient access to data contributes to customer satisfaction while providing an overview of energy use and savings.

▎ In times of water scarcity, big data and the storage of data in the cloud can help provide both private and professional users with a detailed picture of available water resources.

# The digital transformation in the utility sector relies on data.

One thing is certain, the digital transformation in the utility sector relies on data. But how do you, as a company, begin the process of collecting and managing data? Many companies have yet to embrace the cloud and still store their data in legacy systems, which is preventing them from leveraging the benefits of this data with more complex algorithms and AI systems. Bechtle already has more than twenty years' experience providing customized IT solutions to a wide range of companies. We would be happy to help your company make the switch to data storage in the cloud.

**Bechtle: cloud solutions for energy and utility companies.** Is cloud computing a direction your energy or utility company should be moving in? We would be happy to meet with you in person to discuss the possibilities. We determine where your company can make improvements and where there are opportunities to take full advantage of far-reaching digitalization. Bechtle operates independently as a multi-cloud provider. As such, our tailored advice is always based purely on our own assessments and a meticulous analysis. Our cloud portal provides an overview of our services, and we would welcome you to contact us for an initial consultation. If you are seeking ways to make your utility company part of a green, digital future, please contact Bechtle to discuss the possibilities.

# Bechtle Public Belgium.
# IT solutions for the Public Sector.

Benefit from our more than 20 years of experience in the Belgian public sector and let our knowledge of projects throughout Europe work to your advantage. Bechtle is a reliable IT-partner and will guide you through the entire process.

Let our reliable network of specialists and suppliers form the basis for your performance. You can rely on us - from workstations to complete network infra-structure, from office applications to security man-agement. Together, and step by step, we can turn your digitisation project into a success story.

**Do you have any questions?**
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