

INNOVATION

NEW CLOUD COMPUTING CENTER: THE IT FACTORY OF THE FUTURE

As the most important future hub of its global cloud infrastructure, T-Systems opened the campus for Germany's largest data center in Biere/Magdeburg in 2014. This new IT factory in Biere boasts exemplary energy efficiency. Its innovative cooling concept alone cuts its total energy requirements by around one-third relative to comparable data centers. The low-energy data center has been awarded international LEED Gold certification (Leadership in Energy and Environmental Design), an international testimonial that only a few data centers worldwide are honored with.

BEYOND OPTIMIZATION

Simply improving new services isn't enough, however. IT outsourcing partners are increasingly expected to identify and offer innovations that extend to the company's process flows – such as the [Dynamic Workplace](#) from T-Systems, the IT workplace from the private cloud: its flexible delivery model enables new workplaces to be set up by self service in just a few minutes, as well as modifying and deactivating existing workplaces. A major energy group uses this service to provide its short-term staff with virtual workplaces, for example – whose numbers fluctuate widely between several hundred and several thousand.

INNOVATION THROUGH DIALOG

T-Systems also partners with companies to develop new solutions for their markets, together with research organizations and scientific institutions. One example is Bag2Go, a smart suitcase with integrated GPS geolocation and transmission module, which is the result of a cross-industry [innovation project](#) by Airbus, RIMOWA and T-Systems. The suitcase can travel independently of its owner, right to the destination – even if flights are changed or canceled at short notice, or a connecting flight is not made. T-Systems developed the information and telecommunications solution required globally for this innovation and operates the applications in its own data centers.

PARTNER ECOSYSTEM

The best ideas arise when specialists combine their innovative strength. To this end, T-Systems has established a strong [partner ecosystem](#), consisting of a wide range of service providers and hardware and software vendors. Its goal is to develop innovative products and solutions that support the increasing digitization of business processes and foster the development of new business ideas and increase in customers.