

CUSTOMER STORY

REACH YOUR GOAL, QUICK AND EASY

Photo: Telefónica

Efficient server rollout with Rapid Data Center Deployment Services

SERVICES

- Rapid Data Center Deployment
- Technology Sourcing
- Consignment store

USER EXPERIENCE

- Increased user satisfaction
- Improved productivity of users

BUSINESS IMPACT

- Reduced administration costs
- Cost reduction
- Time saving

OBJECTIVE

As part of the implementation of a virtualised IMS [IP Multimedia Subsystem] solution for VoLTE and VoWiFi, Telefónica has been using x86 systems from Dell Technologies since 2020. The new Dell PowerEdge R640 servers were to be delivered and installed at various data center locations throughout Germany. In order to keep the associated effort as low as possible, Computacenter organised the packaging-free delivery of the systems in coordination with the Telefónica project team and the customer's external project partner. The systems were to be provided in specified quantities and at defined times.

SOLUTION

Flexible provision of ready-to-use devices with Rapid Data Center Deployment Services [RDD]: The packaging-free and staggered delivery helped to keep the organisational effort for replacing the systems manageable. For this purpose, Computacenter ordered the servers from Dell Technologies and stored them temporarily in the Kerpen Integration Center. After unpacking and power-on tests, the next step was the delivery to Telefónica's data centers. Packaged in wheeled flight cases, servers were dispatched according to a coordinated rollout plan.

OUTCOME

The RDD services enabled a more efficient installation of the servers. By Computacenter taking over the organisationally complex and 'tedious' tasks, Telefónica saved a lot of time and effort for coordination. Concurrently, problems due to a lack of storage capacity on the customer side could be circumvented by staggering the delivery.



OBJECTIVE

Smooth implementation of 360 server systems

Computacenter replaced or expanded the existing infrastructure in the Telefónica data centers, as the ageing existing systems no longer met the requirements of the planned vIMS solution. The order was placed on the basis of a call for tenders taking into account the manufacturer's specifications. This included, for example, exact specifications regarding the use of additional cards, their installation in certain slots and BIOS or firmware versions. A total of 360 Dell PowerEdge R640 servers were to be implemented in two phases over a period of about one year.

Due to the limited space and storage capacities at the individual data center locations, the customer's primary goal was to achieve the quietest possible delivery of the systems. In addition, the delivery was to be coordinated directly with the existing solution partner in order to reduce the effort for Telefónica to a minimum.

SOLUTION

Packaging-free deployment in flight cases with Rapid Data Center Deployment Services

Computacenter's Rapid Data Center Deployment Services help companies to modernise their data centers quickly and easily - from switches to servers. For this purpose, Computacenter offers its customers data center modules in predefined solution packages. In the case of the server systems for Telefónica, these were first delivered by Dell Technologies to Computacenter's Kerpen Integration Center and transferred to a consignment warehouse.

Computacenter unpacked the systems about one to two weeks before the respective delivery date to the Telefónica data centers. As always, all packaging materials were separated in the Integration Center and sent for professional recycling. The IT service provider then carried out power-on tests and installed the systems in wheeled flight cases. These were sealed with numbered plastic seals, prepared for transport, and delivered to the respective locations.

The rollout took place within the framework of a project plan that had been drawn up in advance with the Telefónica solution partner. All deliveries, including driver and vehicle data, were precisely coordinated with the project team. This ensured that employees were on site at the time of delivery to accept the hardware, bring it to its destination and install it immediately.

Since the systems were kept in a consignment warehouse, they were available for the rollout at any time in case of last-minute changes. In addition, it was possible to make technical adjustments to the systems before delivery in order to avoid a delay in implementation on site.

After the first phase of the project was successfully completed with 220 systems, another 140 systems were added in the second phase. A total of seven locations nationwide were supplied.



By providing flexible deployment of ready-to-use and unpacked equipment, Computacenter's Rapid Data Center Deployment Services help companies modernise their data centers quickly and easily.

Alex Rosenthal
Senior Data Center Account
Manager, Computacenter



OUTCOME

Time and storage capacity saved

The technical review and delivery of the servers in the specified quantities and at the agreed time significantly reduced the project effort for Telefónica.

Problems due to a lack of storage capacity on the customer's side could be circumvented by staggering deliveries. In addition, the use of the wheeled flight cases minimised the installation time on site and made it much easier to operate in limited spaces at the respective locations.

Finally, there is no packaging waste across all seven data center locations, as all components were delivered unpacked. This also reduced the installation time while avoiding possible fire and dust loads on site.

TELEFÓNICA GERMANY

Telefónica Deutschland offers telecommunication services to private and business customers as well as innovative digital products and services in the areas of 'Internet of Things' and data analytics. With a total of 49.4 million customer connections (as of 30 June 2018), the company is one of the leading integrated telecommunications providers in Germany. In the mobile segment alone, Telefónica Deutschland is responsible for over 45.2 million connections - no other national network operator connects more people.

FURTHER INFORMATION

To learn more about our services for businesses or to read more customer stories, please visit www.computacenter.com
