

CUSTOMER STORY

RAPID DATA CENTER DEPLOYMENT

Volkswagen Financial Services use Infrastructure Services from Computacenter to enable maximum system performance

SERVICES

- Cloud & Data Center
- Supply Chain Services
- Integration & Migration Services

BUSINESS IMPACT

- Reduced administration costs
 - Cost reduction
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OBJECTIVE

As the financial services company and sales enabler for the Volkswagen Group, Volkswagen Financial Services (VWFS) follows the Group's automobile brands and supports them in opening up new markets. IT forms the backbone of VWFS.

From their location in Braunschweig, the IT departments offer customers worldwide many services from online banking to sales tools and individual applications. With the construction of a new data center, necessary due to the growth of recent years, VWFS created the basis for data center consolidation.

SOLUTION

Installation and configuration of 19" appliances in specially secured rolling cases at Computacenter's central Integration Center, and subsequent delivery to customer sites. The new network and security components were installed in the existing racks with as little work as possible. The limited space and storage capacities in the existing facility demanded that the preparation activities be relocated to Computacenter premises.

OUTCOME

Highly efficient transfer of IT infrastructure components to Volkswagen Financial Services' data centers - from ordering hardware to equipping the racks





Thanks to the use of the flight cases, we received a full-service package which allowed us to concentrate on our project planning and co-ordination. With VWFS's specifications, this was an ideal way for us to get sensitive IT components into our data centers on time and efficiently.

Pascal Heinichen
Head of Data Center Operations,
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ABOUT VWFS

Volkswagen Financial Services is a division of Volkswagen AG (Group) and comprises Volkswagen Financial Services AG. The main business lines include dealer and retail financing, leasing, banking and insurance, fleet management and mobility services. Volkswagen Financial Services employs 16,571 people worldwide - 7,414 of them in Germany alone. Volkswagen Financial Services has total assets of around €223.5 billion, an operating profit of €2.96 billion and a portfolio of around 21.5 million contracts [as of December 31, 2019].

OBJECTIVE

On-Schedule deployment

Following completion of the construction works in the new data center, Volkswagen Financial Services set itself a tight schedule for the initial installation. In addition to all network components, the firewall systems also had to be moved to the new and existing data centers. To enable the most efficient installation, the supporting activities were to be carried out as far as possible in advance and outside the computer centres. The limited space and storage conditions in the existing data centers also required an alternative to simply delivering packaged IT infrastructure components and configuring them on site.

SOLUTION

Heavy Shockmount Installation Cases

Computacenter has a solution for packaging-free delivery of IT infrastructure components for assembly in customers' data centers. This solution was fully implemented at VWFS.

First, the hardware components were delivered and unpacked at Computacenter's Kerpen Integration Center. Following VWFS' specifications and on the basis of complete assembly plans, all appliances were correctly fixed to the shock-proof grid rails of the 'flight cases' in the Integration Center. The removable case doors allow free access to the front and rear of the installed components and allow unimpeded airflow during configuration. After completion of these preparatory activities, the cases were sealed with numbered plastic seals and prepared for transport. The suspension for up to 450 kg hardware, four braked heavy-duty rollers with a diameter of 160 mm and large steel corners, ensured that the IT components in the cases were transported safely to Braunschweig.

Direct transport, without interim drops, from the Kerpen Integration Center to the customer's data centers in Braunschweig, ensured that VWFS' security requirements were also met. Accompanied by a project manager from Computacenter, both customer data centers were visited in parallel to assess the local conditions, clarify all procedures and make the necessary arrangements for Computacenter technicians to install the network and security infrastructure components.

OUTCOME

Maximum system performance and availability

Thanks to the advance centralised configuration and installation activities of Computacenter, the workload on the customer was significantly reduced. The use of flight cases minimised installation time on site, eliminated the need for industrial trucks, and made it easier to operate in the limited space available in the existing data center. Since all IT components were delivered unpacked, there was no packaging waste in the data centers, nor were pallets necessary. This reduced the danger of fire and ensured that there was no dust contamination. Finally, thanks to the sealed transport via the notified direct route, VWFS' security requirements were fully met.

MORE INFORMATION

To find out more, please send a mail to communications.germany@computacenter.com
