CASE STUDY

Driving Sustainability through the Cloud Transformation Journey: OKQ8's Journey with Microsoft Azure

LTIMindtree

The client

OKQ8 is a leading fuel provider in Sweden and a vanguard in driving the region's transition to a sustainable future.

With over 773 stations across the country, OKQ8 serves diverse sectors beyond traditional vehicles, offering fuel solutions for industries, shipping, workshops, and agriculture. With its unwavering commitment to sustainability and innovation, OKQ8 continues to set the bar for responsible business practices in Scandinavia.

As the company expands its clean energy offerings and fosters collaboration across sectors, it remains at the forefront of the region's transition to a more sustainable future. OKQ8's story is not just about fuel. It is about driving a positive change and leaving a lasting legacy for generations.

The need for change

Siloed data centers and outdated infrastructure threatened to trip OKQ8's digital ambitions. Recognizing the need for agility and empowered business, OKQ8 charted a bold cloud transformation strategy—"A cloud-first IT" overhaul.

Modernization and consolidation became the focus areas. Replacing legacy systems with a secure, cost-effective platform was paramount. Seamless expansion, data-driven insights, and rock-solid resilience were essential to OKQ8's future.

OKQ8's cloud transformation journey is a testament to the transformative power of leveraging cloud technologies for sustainable growth and an unshakeable competitive edge.

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Solution highlights

Azure

After meticulous evaluation, Microsoft Azure was identified as the launchpad for their cloud-first strategy. Infrastructure and platform services streamlined operations, slashed costs, and unleashed agility. Advanced analytics unlocked hidden gems in data, optimizing decisions. Built-in security and compliance safeguards shielded their critical data.

Data-driven cloud readiness assessment

A comprehensive cloud readiness assessment was conducted, generating a detailed business case that outlines the cloud transformation journey for an Environment predominantly utilizing Windows & Linux Flavors.

Secure enterprise-grade landing zone

Adhering to Microsoft CAF guidelines, the team architected a secure, well-provisioned landing zone in Azure, laying the foundation for a scalable and resilient cloud environment.

Cost-optimized cloud workloads

Leveraging cloud-native services, LTIMindtree right-sized OKQ8's workloads for optimal cost efficiency and performance.

Technologies used

Azure Landing Zone Portal Accelerator | Terraform | Azure Resource Manager | Azure Policy and Blueprints

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Business benefits

Empowered by the cloud,
Azure's robust platform fueled the development of innovative solutions, propelling OKQ8 forward. On-demand scaling and resource flexibility ensured cost efficiency, while a culture of continuous improvement ensured lasting success. OKQ8's core applications were successfully migrated to a secure cloud environment.

01

Streamlined operations

Azure landing zones provide a unified environment for managing and operating Azure resources. With consistent configurations and controls across subscriptions, operations become more efficient and straightforward.

02

Scalability

The modular and scalable architecture of Azure landing zones accommodates organizations of varying sizes. OKQ8 can easily expand and adapt the landing zone to meet the evolving business requirements.

03

Improved security and compliance

By following best practices within the landing zone, we have enhanced security and compliance. Centralized management ensures consistent application of policies and access controls.

04

Cost optimization

Leveraging shared services in platform landing zones reduces redundancy and operational costs. Efficient resource allocation and governance lead to cost savings.

05

Faster deployment and self-service

Application teams can provision new projects and environments within the landing zone. Workflows become more reliable, shortening the software delivery lifecycle.

06

Support for cloud-native services

Azure landing zones enable seamless integration with cloud-native services, thereby leveraging services like Azure Kubernetes Service (AKS), Azure Functions, and Azure Logic Apps.

07

Agility and innovation

By providing a solid foundation, landing zones empower development teams to focus on innovation. Rapid deployment and scalability allow for quicker time-to-market.

Through LTIMindtree's expert Azure services, OKQ8 achieved a successful Cloud Landing Zone, which improved operational agility and resource utilization and enhanced disaster preparedness. This case study is a testament to LTIMindtree's commitment to delivering value-driven cloud solutions for its clients.

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 81,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit **www.ltimindtree.com.**