Case Study

A Hi-tech Leader Streamlines Security and Performance through a Successful Azure Cloud Migration Journey

About the Client

A globally leading provider of smart and secure access solutions, they provide everything to secure buildings and rooms. Their expertise in high-quality access management solutions integrates comprehensive data analytics to empower user-friendliness and convenience.

Engagement Snapshot

Headquarters: Germany

Industry: Hi-tech

Regions: Europe, USA and APAC

Project: Azure Cloud Migration

Brief

YASH Technologies partnered with the client to address their pressing challenges around scalability, performance, operational expenses, and infrastructure reliability. The client achieved enhanced adaptability, resilience, and cost-effectiveness through a strategic Azure cloud migration while leveraging cutting-edge security solutions.

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Business Need

The client managed a sprawling infrastructure comprising over 1200 servers scattered across disparate locations with varying specifications and ages. This decentralized setup posed scalability and performance challenges, leading to frequent application downtimes and substantial operational expenses due to manual maintenance processes and outdated hardware. Moreover, with several data center leases on the verge of expiration, the client faced mounting infrastructure operation costs and a pressing need for modernization.

Solution

Armed with its deep-rooted expertise as a Microsoft partner and cloud migration specialist, YASH Technologies crafted a tailored solution to address the client's multifaceted challenges.

The journey began with a comprehensive assessment of the existing infrastructure and an in-depth analysis of the client's long-term business requirements.

- Drawing upon industry best practices and Azure's robust suite of services, YASH devised a phased migration strategy, prioritizing workloads based on complexity and criticality.

- Adopting an agile approach, YASH commenced the migration process by tackling smaller, less complex workloads, allowing for iterative learning and optimization.

- Leveraging the Azure Migrate Discovery & Assessment tool, we evaluated the client's infrastructure, identifying optimal migration paths and potential cost savings. Rehosting emerged as the preferred migration option, balancing simplicity and efficiency.

- To streamline infrastructure maintenance and enhance data protection, we implemented automated patching processes using Azure Update Managers and deployed Azure Backup for comprehensive data protection of virtual machines (VMs).

- We fortified the client's security posture by transitioning to cloud-native security services, ensuring robust workload security and seamless integration with existing systems.

- Data Transfer: Used Azure Data Box to transfer data to Azure securely.

- Downtime Minimization: Onboarded Azure Site Recovery for near-zero downtime migration. Ensure minimal disruption to business operations during migration.
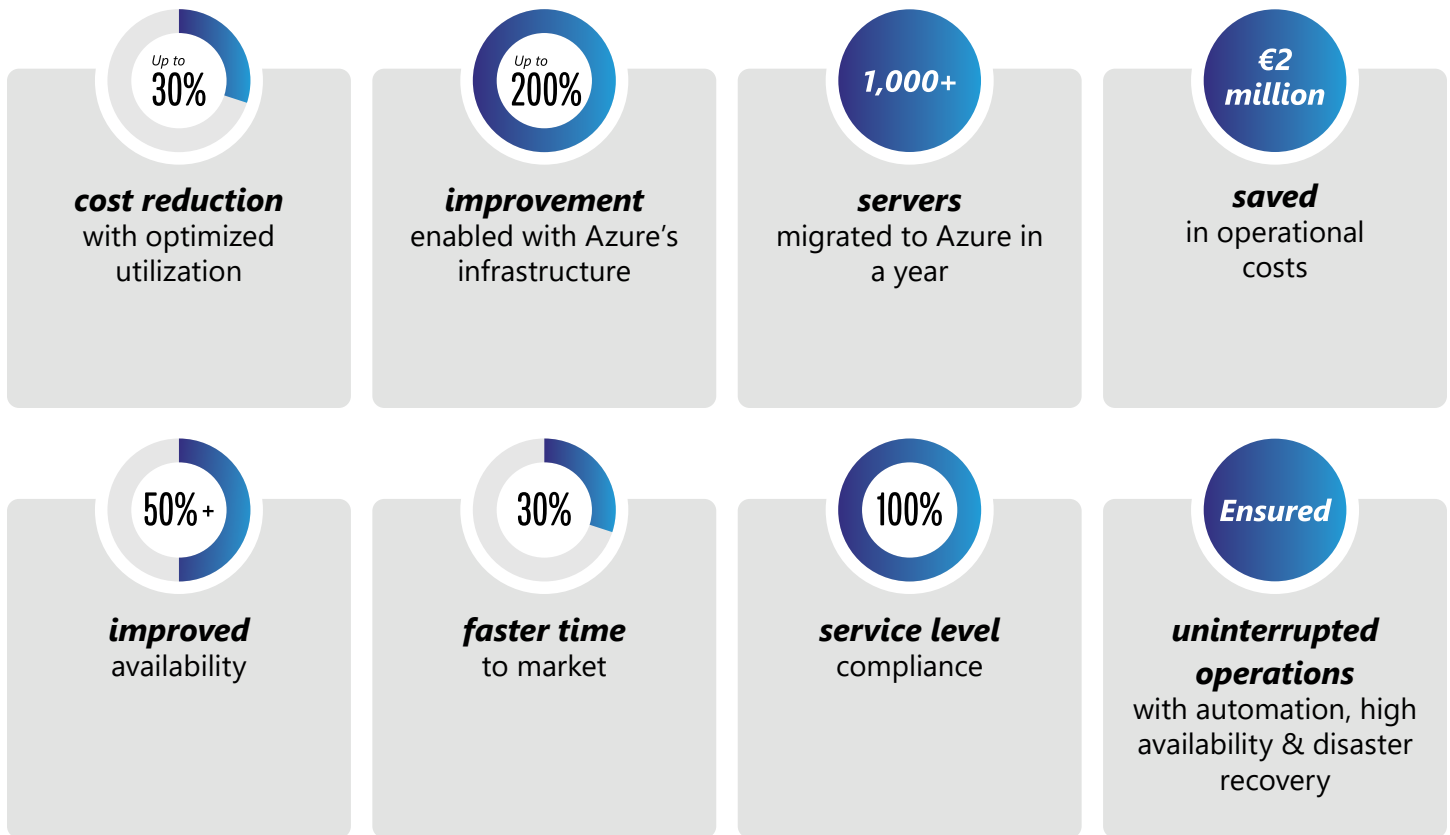
Technologies Used

- Azure Migrate Discovery & Assessment tool for evaluating the existing infrastructure and identifying migration opportunities.

- Azure Migrate Migration tool for executing the migration process efficiently.

- TCO Analysis Tool provides comprehensive cost analysis and ensures cost-effectiveness.

- A well-architected checklist used to ensure adherence to Azure's well-architected framework requirements.

Methodology

YASH Technologies adopted a collaborative and iterative methodology, enabling close alignment with the client's stakeholders throughout the migration journey. Our phased approach to migration minimized disruptions and optimized resource utilization, ensuring a smooth transition to the cloud. Continuous monitoring and feedback loops enabled us to swiftly address any challenges or bottlenecks, ensuring timely delivery and adherence to project milestones.

Business Benefits

Up to 30%
cost reduction
with optimized utilization

Up to 200%
improvement
enabled with Azure's infrastructure

1,000+
servers
migrated to Azure in a year

€2 million
saved
in operational costs

50%+
improved
availability

30%
faster time
to market

100%
service level
compliance

Ensured
uninterrupted operations
with automation, high availability & disaster recovery

For more information contact YASH expert today at _info@yash.com_ or visit _www.yash.com_

YASH Technologies

More than what you think.