Nsight

ACCELERATED AND SEAMLESS MIGRATION FROM SAP HEC TO AZURE

Nsight orchestrated a comprehensive migration for a complex infrastructure within a short timeframe of 5 months. The collaboration of multi-functional experts and implementation of migration best practices and proven methodologies helped a seamless Azure migration.

ABOUT THE CLIENT

The client is a leading hi-tech company with a global footprint specializing in cutting-edge tech solution development.

NSIGHT ADVANTAGE

- Strong understanding of Azure's extensive suite of services and features

- Proven track record of successful Azure migrations with extensive knowledge of SAP solutions to enable accelerated, low-risk, and seamless migrations

- Functional, basis, and infrastructure expertise to offer a collaborative and comprehensive implementation

- Deep understanding of Azure's security features and compliance standards, ensuring that the migration aligns with industry regulations and organizational policies.

- Microsoft certified and qualified team of Azure professionals

CHALLENGES

Due to several challenges with their current and complex SAP HANA Enterprise Cloud (HEC) infrastructure, the client sought a trusted Azure migration partner.

- **Scalability Concerns:** The existing infrastructure failed to support the client's growing requirements. It led to performance bottlenecks and delayed operations.

- **Cost Inefficiencies:** The high SAP HEC licensing and maintenance of scaling SAP HEC environment became unsustainable for the client. It further lengthened the time to adopt the latest features, implement security updates, or improve operational performance at the desired pace.

- **Flexibility:** Constrained with the SAP HEC platform, the client faced a lack of flexibility in accommodating to changing organizational requirements.

SOLUTION

The client partnered with Nsight given the holistic approach of combining functional, basis, and infrastructure expertise to ensure a seamless and accelerated migration from SAP HEC to Azure. Despite the intricate nature of the client's infrastructure, the team successfully migrated to Azure in a short timeframe of 5 months.

Assessment and Planning

After a thorough assessment of the client's current infrastructure, Nsight's team identified critical workloads, dependencies, sizing considerations, and compatibility requirements for Azure migration.

Data Migration and Validation

- Employing best practices to ensure data consistency, integrity, and accuracy, the team combined classical migration and SAP Database Migration Option (DMO).

- Rigorous validation process to minimize the risk of data discrepancies

Deployment

- Designed and deployed a tailored Azure infrastructure while minimizing downtime and ensuring data integrity.

- Ensured compatibility and data consistency for smooth performance of the migrated workloads.

- Implemented encryption and access control for heightened and robust security measures

- Ensured compatibility and data consistency for smooth performance of the migrated workloads.

Integration

Seamless integration with existing systems and applications to maintain business continuity and streamline operations.

BUSINESS BENEFITS

Accelerated SAP HEC to Azure migration yielded multiple short-term and long-term benefits for the clients.

- Substantial reduction in infrastructure costs with Azure's pay-as-you-go model and optimized resource utilization.

- Enhanced scalability and flexibility to scale resources up for optimal performance.

- Azure's robust infrastructure and services significantly improved the performance and reliability of critical business applications, ensuring uninterrupted operations.

- Improved analytical functionalities to adjust resources based on varying requirements.

- Streamlined IT operations with reduced complexity and enhanced overall efficiency.