HCL

HCL Streamlines SAP Infrastructure and Operations on Azure for **an Irish Construction Material Manufacturer**

Executing a phased migration strategy that aligns with business needs

CHALLENGE

The client was experiencing rapid growth over the years with multiple mergers and acquisitions. As a result, they acquired a number of legacy SAP landscapes with widely distributed hosting and support services among an array of service providers. Consequently, their IT landscape became highly complex to govern inhibited uniform technological updates across the landscape, and prevented cost optimizations through IT consolidation.

Furthermore, their SAP workloads were running on infrastructure that was rapidly approaching end-of-life. Existing HA / DR SLAs and setup was not aligned with core business needs. The system was built on

legacy Unix technologies that had become a roadblock for innovation and cost-prohibitive to operate while also causing major capacity constraints. As the client's hosting contract was up for renewal, a number of SAP systems needed patching and upgrades in order to secure crucial security and business continuity risks.

The client needed to implement an "Evergreen IT" strategy that would encompass an agile, scalable and robust solution that could integrate continual technological advancements. They understood that making such a transformation would allow their business to expand at scale and maintain a competitive edge. They needed a solutions partner experienced in executing a complex strategy while also delivering next-generation technological expertise with an acute understanding of business needs. They needed HCL.

HCL TRANSFORMATION METHODOLOGY

HCL started by making a detailed assessment of the client's vision and technology roadmap to understand their business and transformation goals better. We worked with the client to establish outcome expectations based on performance, service levels, and migration downtimes.

With this foundation, HCL defined a custom migration plan and system architecture on Azure cloud, including the consolidation of multiple existing data centers in the identified Azure region. This also entailed defining the Disaster Recovery strategy on Azure Cloud for different regions and modernizing systems that were not cloud-ready.

Heterogeneous Migration

HCL successfully executed a complex heterogeneous migration, including platform modernization, database modernization, and SAP kernel upgrades - all within the same downtime window.

Improved HA / DR solution

HCL implemented a zero data loss solution using a combination of Azure native microservices and OS high availability features.

Negligible business impact

HCL implemented a phased migration approach to ensure minimal business disruption during the transformation. This included working over a cutover weekend and aligning the transformation roadmap with business needs.

DELIVERING A DIFFERENCE

75%
faster infrastructure provisioning time

27%
reduction on over all infrastructure spent

Zero
CAPEX for IT infrastructure refresh

HCL is "SAP on Azure Advanced Specialization" Certified

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