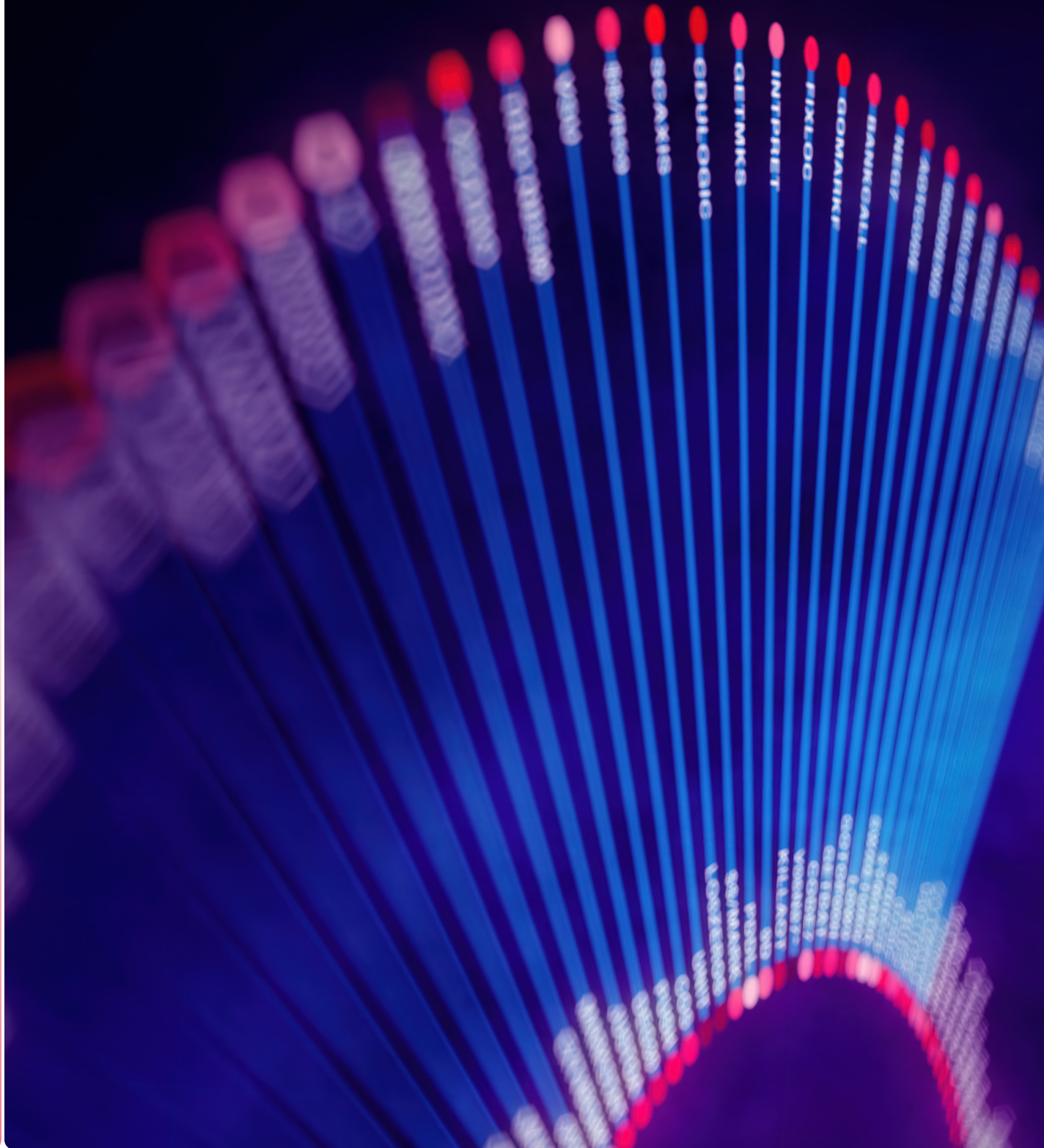


# Cloud transformation powered by Azure



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## Cloud Transformation

The chemical and energy industry is realizing that cloud is critical to competing in the current market. In the past, reluctance to move to cloud was based on the financial structure of industries like chemical and energy that have high capitalization with assets having significant longevity. This perspective limited appreciation for cost benefits available to other industries that found the movement of operations to an OPEX model beneficial.

### The Challenge

There are significant challenges to embracing these new technologies and ways of working in the cloud. Customer wants to quickly adopt cloud models and is choosing to partner with HCLTech to implement cloud to support their business transformation.

Our client is one of the global chemicals and energy company with operations in 20 plus countries. They have an ambition to embrace cloud at scale. However, being a traditional industry, they carry a huge technical debt resulting from monolithic legacy systems. In

addition to this, they also lack cloud delivery and operational skills and not familiar with agile way of working that is required for cloud environments

#### Key challenges are:



Legacy infrastructure and difficult to maintain



Lack operational skills to migrate to cloud



Increasing in Capex and Operational costs



Lack of scalability

## HCLTech transforms the IT by Migrating to Azure

HCLTech has helped in creating a business case for revamping the technology with a clear view of enhancing their customer experiences, increasing innovation, and reducing cost and help in realize the benefits of adopting modern platforms, such as the cloud, and be more agile in achieving the changes that would align IT and the business.

# The solution

HCLTech helped to create a program that would limit risk by introducing an experienced cloud provider - Microsoft Azure. Then, HCLTech introduced new cloud delivery and operational skills and began integrating them into the Sasol organization. The azure services used included Azure Virtual Machines, Azure Data Lake Storage Gen2, Azure SQL Database, Windows Servers, Active Directory, Azure Network and Security. This step addressed the cloud skills challenge by bringing in technical human resources and laying the foundation for an agile way of working, a critical success factor for the transformation.



HCLTech has provided a comprehensive business case of Sasol 2.0. for transformation



HCLTech helped in migration of workloads (about 500+ VMs) from OnPrem to Azure



Created a landing zone with Azure Services. Azure services includes Azure Virtual Machines, Azure Data Lake Storage Gen2 , Azure SQL Database, Windows Servers, Active Directory, Azure Network and Security



Providing Azure Managed services

## The Benefits

HCLTech, as a technology transformation partner, understood the vision and the direction and helped in the digital transformation. Through our engagement, the client was able to derive the following business benefits:



HCLTech has provided a comprehensive and detailed technology transformation roadmap



Risk-free and cost effective solution on Azure



Migrated VMs to Agile, on-demand secured environment on Azure



Future-ready infrastructure with Azure and customer will be able to leverage many services of Azure Such as Synapse, ADF, Azure IoT, IoT and Event Hub, Azure Databricks to make their business data-driven, agile and customer centric

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