How a leading tech company got its cloud migration strategy right
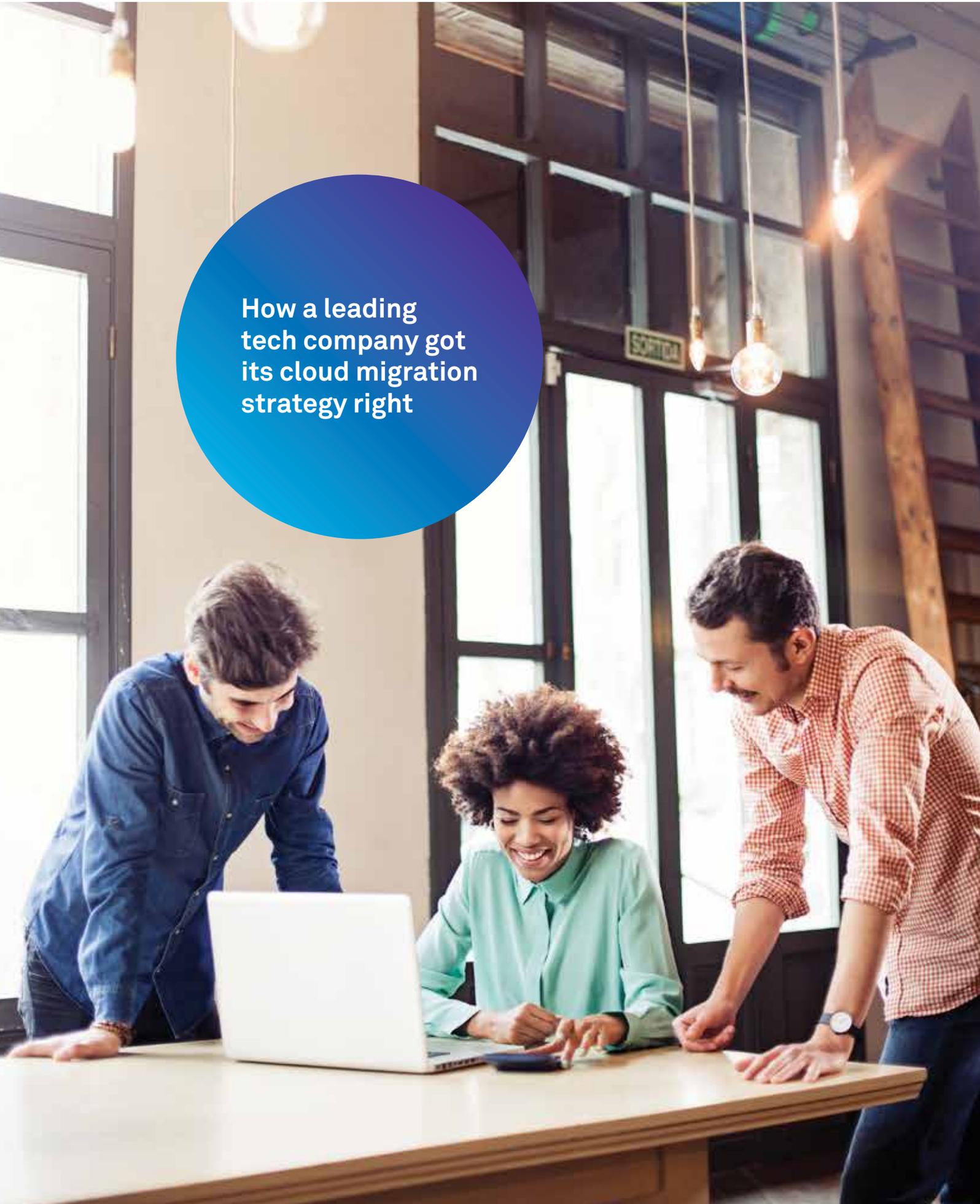
Client background

Client: An American multinational technology company

Industry: IT, IT services, IT consulting

Products or services: Computer hardware, computer software, IT services, IT consulting

Geography or areas of operations: Worldwide

Number of employees: Over 49,000

A standardized approach to AWS cloud migration enabled 35% reduction in IT spend and 25% reduction in cost of reporting licenses

Challenges

The technology conglomerate wanted to adopt a standardized approach to AWS cloud migration. They wanted a partner who could help them identify the right workloads, the right migration methodologies and propose a resilient governance model to run effectively on a cloud set up. They also wanted to address the following requirements;

- Under-utilized capacity in their analytics platform that led to disproportionately high cost of operations

- Disparate reporting environment leading to high licensing costs

- Lack of scalability in the existing architecture

- 70-80% data source for their analytics and reporting was hosted on-premise on multiple platforms

- Need for optimization of design and performance improvement on Vertica

Solution

The client wanted a cloud environment to improve speed of production and reduce maintenance costs. Wipro did a full analysis of their current landscape and provided the following solution;

- Built on-premise tools to connect with cloud through AWS Direct Connect service - a cloud service solution that establishes a dedicated network connection from on-premise to AWS

- JDBC/ODBC for connecting to SQL client and reporting tools

- Recreate the existing SQL (ETL) scripts to generate flat files to be pushed to S3

- Delivered Amazon Elastic Container Service (ECS) to run their sensitive and mission-critical applications workflow used for scheduling ETL jobs

- Used Amazon Elastic MapReduce (EMR) – a tool for big data processing and analysis - for transforming and parsing large volume of data quickly and cost-effectively

Business impact

Wipro provided the client a scalable architecture on cloud. This helped the client in minimizing the cost of operations by moving their on-premise analytics platform to AWS and also reduced the cost of managing reporting licenses significantly by consolidating their reporting environment.

9 TB of data migrated on AWS Cloud resulting in 30-35% reduction in costs across the landscape

25% reduction in current spend on reporting licenses.

"Wipro provided a scalable architecture on Cloud leveraging AWS Direct Connect Service, which helped the client to consolidate its reporting environment and achieve significant performance improvement. Automation, optimization, cost reduction and speed to production were their key asks, and our solutions coupled with our 'business first' approach helped them embark on their cloud migration journey with minimum disruptions to business."

Ankit Ghosh
Head – Cloud
Transformation Solutions,
Tech BU, Wipro Limited.

Wipro Limited (NYSE: WIT, BSE: 507685, NSE: WIPRO) is a leading global information technology, consulting and business process services company. We harness the power of cognitive computing, hyper-automation, robotics, cloud, analytics and emerging technologies to help our clients adapt to the digital world and make them successful. A company recognized globally for its comprehensive portfolio of services, strong commitment to sustainability and good corporate citizenship, we have over 175,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

For more information, please write to us at **info@wipro.com**