Global financial services organization leverages analytics platform to build business case for migration

Overview

A global financial services organization with operations throughout the world, had an urgent need to evaluate its options: move to a new co-location data center or migrate to cloud? With two of its worldwide data center contracts soon to expire, the company was looking for the most economical way forward — and its IT managers needed to do it fast. To fast track the process, AWS recommended that the company call on TSO Logic.

Challenge

Is it more economical to run instances on premises or in cloud? With multiple data centers, thousands of OS instances, and terabytes of storage all running on different generations of hardware, it's hard to get the right answer. In order to maximize cost efficiencies, rightsizing between on-premise and cloud instances and factoring in differences between processor generations and usage patterns all has to be reconciled. With so many variables to consider and so much data to crunch, it's not possible to effectively evaluate an environment using static tools like Excel.

Solution

To get answers, the financial services organization opted to leverage the powerful decision-making engine provided by TSO Match As a Service. TSO Match uses analytics and algorithms to evaluate current compute and create a statistical model. Focusing on compute usage, utilization, instance sizing, and economic analysis, the platform applies fine-grained, algorithmic analysis to thousands of data points to deliver accurate results. The solution finds the best instance size fit and pricing model from the AWS catalog, compares cloud vs. on-premises costs, and delivers a detailed ROI analysis.

And with no agents to install and frictionless data ingestion, TSO Match is easy to implement for immediate action.

Results

The TSO Logic platform showed the current costs for running their instances and identified the best-fit instance sizes to support the company's workloads. The solution quickly demonstrated the potential for significant cost reductions, and showed that a vast majority of their instances would cost 30 percent less if operated in cloud. TSO Logic fast tracked the process of moving just the right applications to AWS and helped this organziation plan for migrations that will enable the company to realize major cost efficiencies year after year.

TSO Match As a Service

TSO Match uses powerful algorithms to evaluate your current compute needs and compare them to hundreds of thousands of potential outcomes in an agnostic fashion. It finds the best fit and provides instance details and a business case for change, so you can move forward with confidence.

Through our partnership with AWS, TSO Match is offered as a six-week service at a discounted rate to qualified clients.