

Virtusa successfully assessed 1500+ applications for Cloud migration for a large Global Investment Management company with our propriety Cloud Assessment methodology

Challenges

- Very Complex portfolio of 1511 applications with varieties of App Group – Mainframe, Desktop, WebApp, .NET, RESTful, SOAP, COTS and SaaS based tools and services
- Determine the Cloud Suitability, IT Efficiency, and Business Value for the above applications migration to Public Cloud
- Based on the lessons learned on On-prem Private Cloud, wanted to reduce the TCO by leveraging the Public Cloud capabilities
- Standardize the process and modernize the app leveraging cloud native design principles and patterns before moving workloads into Public cloud

Solution

- Use Virtusa’s Cloud Assessment Framework and scoring engine to determine Cloud Suitability, IT Efficiency and Business Value
- Assess individual applications based on the technology stack, app characteristics, cross-cutting concerns, external and internal dependencies and IT operations.
- Conducted a blend of automated and manual application portfolio discovery using ServiceNow, portfolio manager’s surveys and detailed reviews with 66 product owners and product architects
- Assessed and recommended target migration model; leveraging client’s 9R definition and the three dimensions value (Business Value (BV), IT Efficiency (IE) and Cloud Suitability (CS))

Value delivered

- Enable our customer to identify opportunities to find use cases for app rationalization, containerization and serverless computing
- Assembled a list of use cases/design patterns for the applications listed for Re-Platform migration and helped them mapping out and required CSP’s managed services and tools
- Provide user-friendly dashboards for senior executive team to understand the health of their application portfolio and required necessary improvement
- Defined a 2020 and multi-year Roadmap based on the budget, resources and the app complexity and dependencies
- Identified few applications where Virtusa can provide additional assistance on MVP for public cloud migration