

# About Us



FOUNDED

1996

PISCATAWAY, NEW JERSEY, USA

EMPLOYEES

2500+

GLOBAL  
FOOTPRINT



USA | CANADA | GERMANY | INDIA | BRAZIL



Clutch

FORRESTER

Gartner

NASSCOM

Game Changer Award  
for AI and Innovation



The Aiconics

Best Application of AI in  
Financial Services, Final Six



# Application Modernization & Innovation Workshop

Significant Portion of IT budget is being used by organizations for maintaining legacy applications. In order to stay competitive, organizations must keep pace with changing business and end-user needs. Your business can achieve greater speed, scalability, and performance by modernizing legacy applications, building cloud-native applications on Azure, and even expand with Azure Cognitive Services, Data and Insights.

In this workshop, we will do a high-level discovery to understand your digital application vision, modernization objectives, expected business outcomes, business justification, technology landscape and show you how we leverage Marlabs Cloud Framework (MCF) to provide guidance, insights and mechanisms to discover, assess and migrate your legacy workloads to the cloud and innovate with cloud-native technologies.



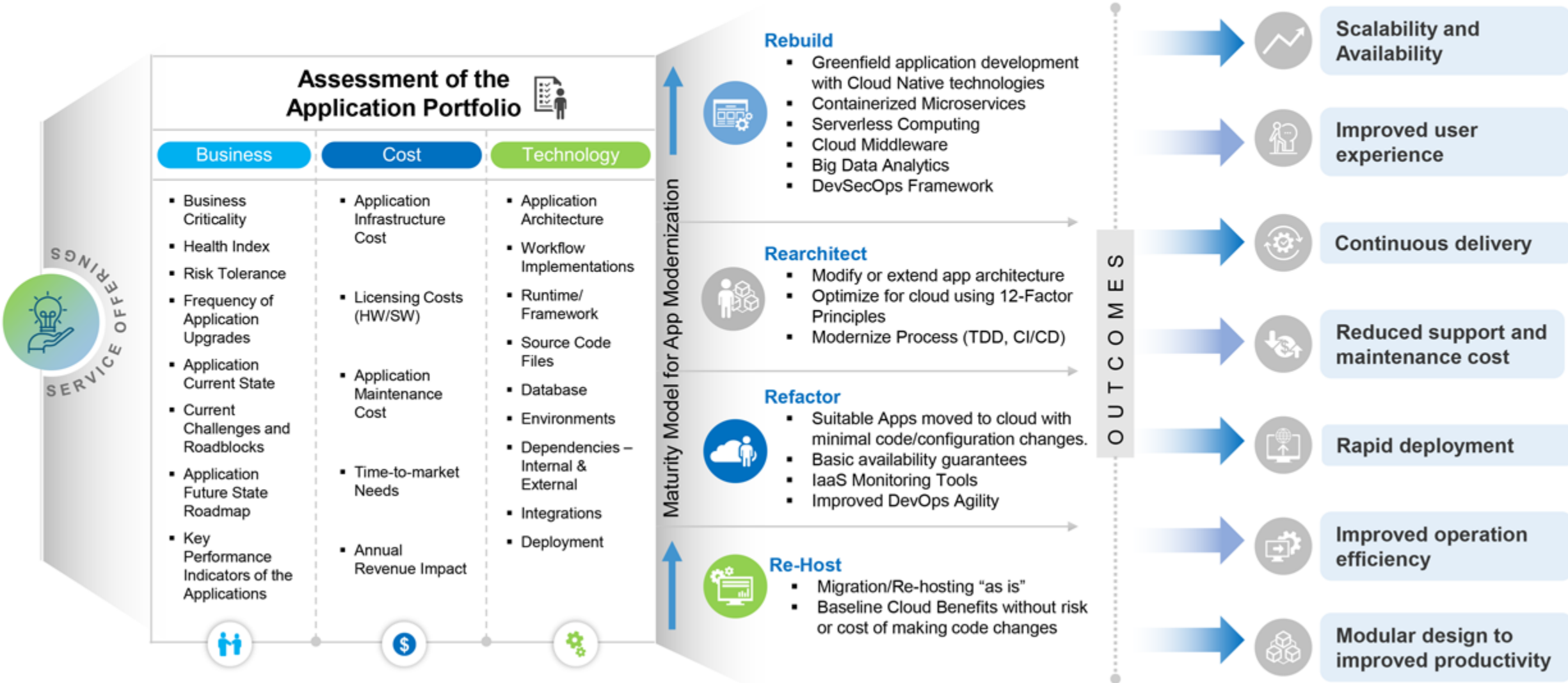
- *Digital Application Vision*
- *Application Modernization Objectives*
- *Expected Business Outcomes*
- *Business Justification*

- *End users and pain points*
- *Technology Landscape*
- *Next Steps*



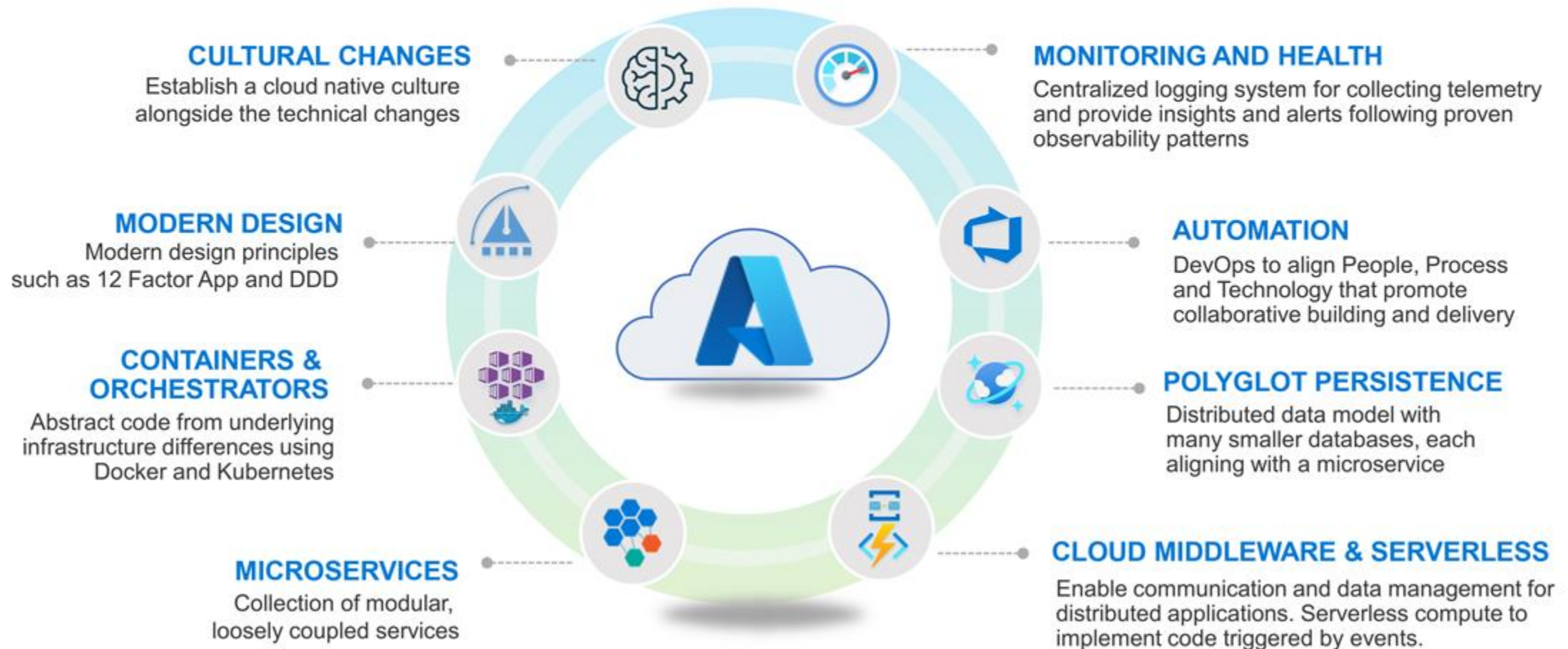
# Application Modernization and Innovation

Application modernization leveraging Marlabs Cloud Framework (MCF) to provide guidance, insights and mechanisms to discover, assess and migrate workloads to the cloud.



# Cloud-Native Application Development

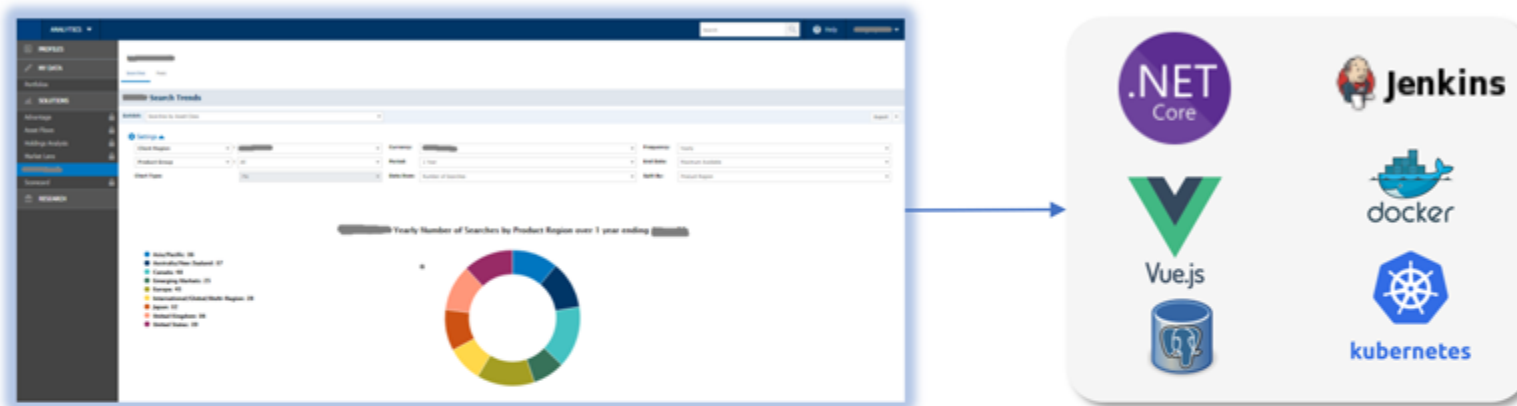
Our Digital Product Engineering services enables our customers to take a cloud-native approach. Marlabs Cloud Framework takes full advantage of cloud-native development best practices, technologies and cloud infrastructure. It enables speed and agility to design, develop, deploy, and operationalize systems.



# Application Modernization

## for a leading Financial Company in North America

A leading Financial company based in North America that provides institutional investment data, analytics and market intelligence covering public and private markets.



### BUSINESS NEED



- Modernize a legacy application, which provides insights on market trends within their existing platform
- This application will be used by client/asset managers to manage the accounts of their customers and provide further insights
- Single place (customer's existing platform) for asset managers to look for data
- Enhanced look and feel and charts with different configurable options

### SOLUTION HIGHLIGHTS



- Application modernization using containerized microservices using .Net Core hosted on Kubernetes Services.
- SPA model front end using Vue.js
- High charts for rendering charts in front end
- Currency conversion based on asset allocation dates
- PDF and Excel export using microservices

### BUSINESS OUTCOME



- One stop application for all needs of Asset/Client managers
- Consistent look and feel (User experience) for users of the application
- Reduced dependency on third-party applications
- Greater control on related modules of the platform
- Better scalability by using containerized microservices

# Social Networking Platform

## for a Startup based in North America

Greenfield Cloud-Native Social Networking Platform created to provide the millions suffering from addiction and their loved ones with all the connections, information and resources they need as they journey through recovery and into sober life.

 Microsoft supported client's mission with technology, product sales, marketing, sponsorship and PR Initiatives.



*"The proposed architecture is really good. A very clever one!" – Architecture Review Feedback from:*

- Microsoft US One Commercial Partner Chief Architect
- Principal Cloud Solution Architect at Microsoft
- Principal Blockchain Solution Architect at Microsoft

### BUSINESS NEED



- Provide a social networking platform for millions of Americans suffering from addiction.
- Help and guidance for people trying to come out of addiction and drug dependency
- The platform should be scalable and highly available.
- The platform should be able to add on eCommerce features in the future.

### SOLUTION HIGHLIGHTS



- Azure hosted, multi-region deployment model
- Containerized Microservices hosted on Azure Kubernetes Service
- Polyglot persistence – Azure SQL DB, Azure Cosmos DB - Gremlin DB, Mongo DB
- AI based Content Moderation using Azure Content Moderator
- High Performance, Scalability, Resiliency, Availability

### BUSINESS OUTCOME



- Social networking platform(similar to Facebook) with ability to establish connections, join groups of their interests
- Rich media content (videos) offering help and advice on topics like Dual Diagnosis, detox, how rehab works and sober house living
- Helps people to find the right treatment, therapist, and sober houses with their ratings and be part of virtual programs.