



# Azure Machine Learning & AI Operating Model Offering

March 2022

# Partnering with Ness to implement Azure ML & AI Operating Model

Ness is ideally positioned to assist with Azure ML and AI Operating Model initiatives – we offer many competitive advantages



- Extensive knowledge and proven methodologies for implementation of Azure ML and design and implementation of a tailored AI Operating Model specific to each client
- Deep architectural and implementation experience in Microsoft Azure
- Gold partnership and co-funding opportunities with Microsoft
- Our expertise is derived from our deep, hands-on experience of modern cloud architectures across hundreds of companies of all sizes – we are not theorists, we are cloud-native practitioners
- This means we can help assess and remediate your existing Azure and Azure Machine Learning environments or help you build them the right way from scratch
- Other areas where we specialize include, but are not limited to:
  - Engineering excellence around the modern stack in the Microsoft and open-source ecosystems
  - Deep expertise with high-availability, secure, resilient, automatically monitored, self-healing client-facing cloud architectures
  - Iterative development and deployment processes across many geographies with clients of all levels of technical maturity
  - Vast array of cloud-native architectural patterns around microservices, API management, data engineering and management, identity & access management and third-party integrations

# Our Azure ML & AI Operating Model Offering

## Targeted Engagements

Custom Duration

## Azure & Azure ML Expertise

Provide expert guidance based on use cases

## Best Practices

Design & Implementation best practices for Azure and Azure ML

### Client Benefits



**Faster Time to Value**



**Mature your AI Operating Model and train your teams**



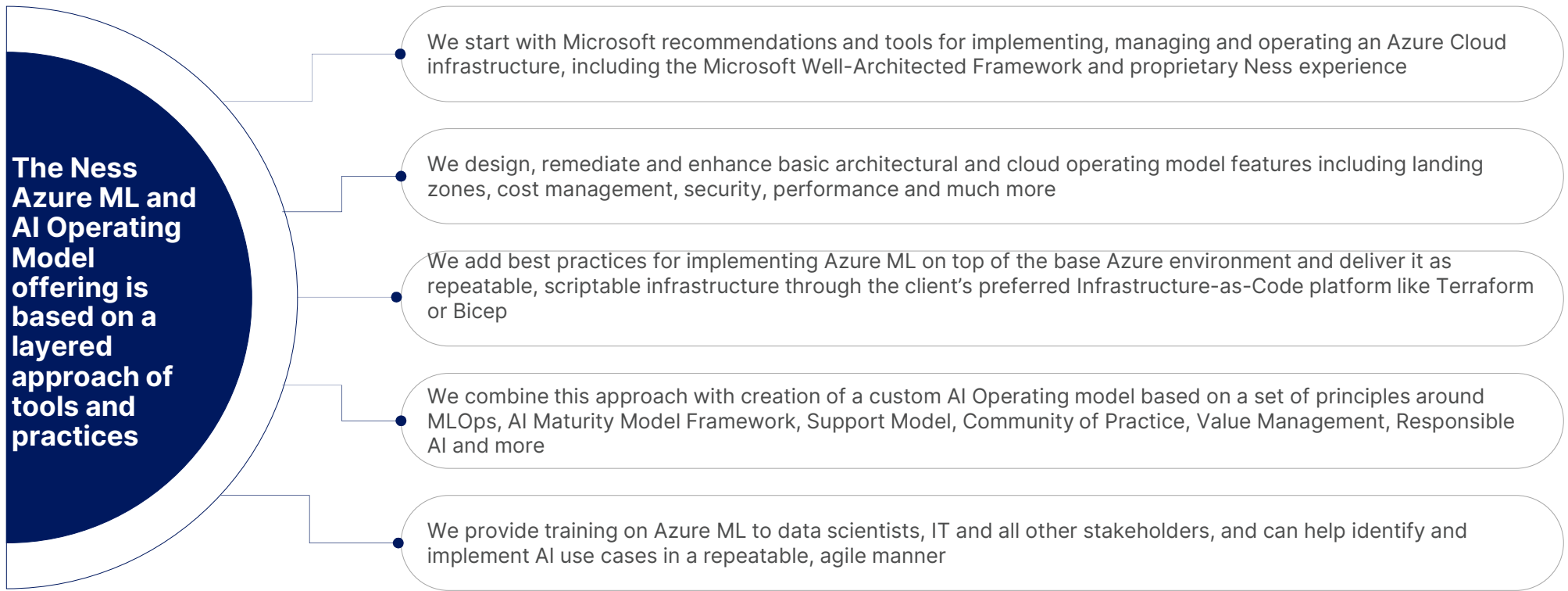
**Targeted assistance to kickstart your use cases**



**Maximize the Value of your Azure Cloud investments**

Reduce friction in your AI journey and operate in a secure, resilient, cost-effective, best-practices based Azure ML environment

# Our Azure ML and AI Operating Model Offering



# Key Features

**The Azure ML and AI Operating Model Offering focuses on the following key areas:**

Area	Description
Landing Zone	Provide guidance on setting up and managing Azure Landing Zones to enable base cloud infrastructure for Azure ML
Connectivity	Provide guidance on setting up secure internet endpoints, Private Endpoint connections, VNets and more for Azure and Azure ML
Cost Management	Provide tools and an operating model for proactively managing and minimizing Azure and Azure ML costs
Use Case Implementation	Review requirements for AI use cases, discuss design trade-offs, share best practices, and building AI Models in Azure ML
Security	Help set up appropriate authentication and authorization for the Azure and Azure ML environments
Monitoring	Provide guidance on setting up the native monitoring infrastructure for Azure and Azure ML
Infrastructure-As-Code Automation	Build Azure and Azure ML Terraform, Bicep or equivalent IaC tools
AI Maturity Model	Assess the current maturity of the AI practice within the client, based on a proprietary maturity framework, and identify executable plans for improvement
AI Operating Model	Build customized AI Operating Model for the client, based on a proprietary set of 11 principles around MLOps, Community of Practice, Value Management, Support Model, Responsible AI and more that deliver a comprehensive business and technology-aligned set of operating principles for infusing AI within the DNA of the client
AI Training	Train the client's data scientists and IT staff in using, operating and managing the Azure ML environment

# Engagement Structure

The standard Ness Azure ML and AI Operating Model offering is divided into three phases

## Phase 1: Discovery & Maturity Assessment

- Assessment of existing Azure environment, if any, based on Microsoft Well-Architected Framework
- Assessment of AI Maturity level and identification of gaps against best practices
- Executable plan for AI Maturity level gap remediation
- Identification of relevant AI use cases

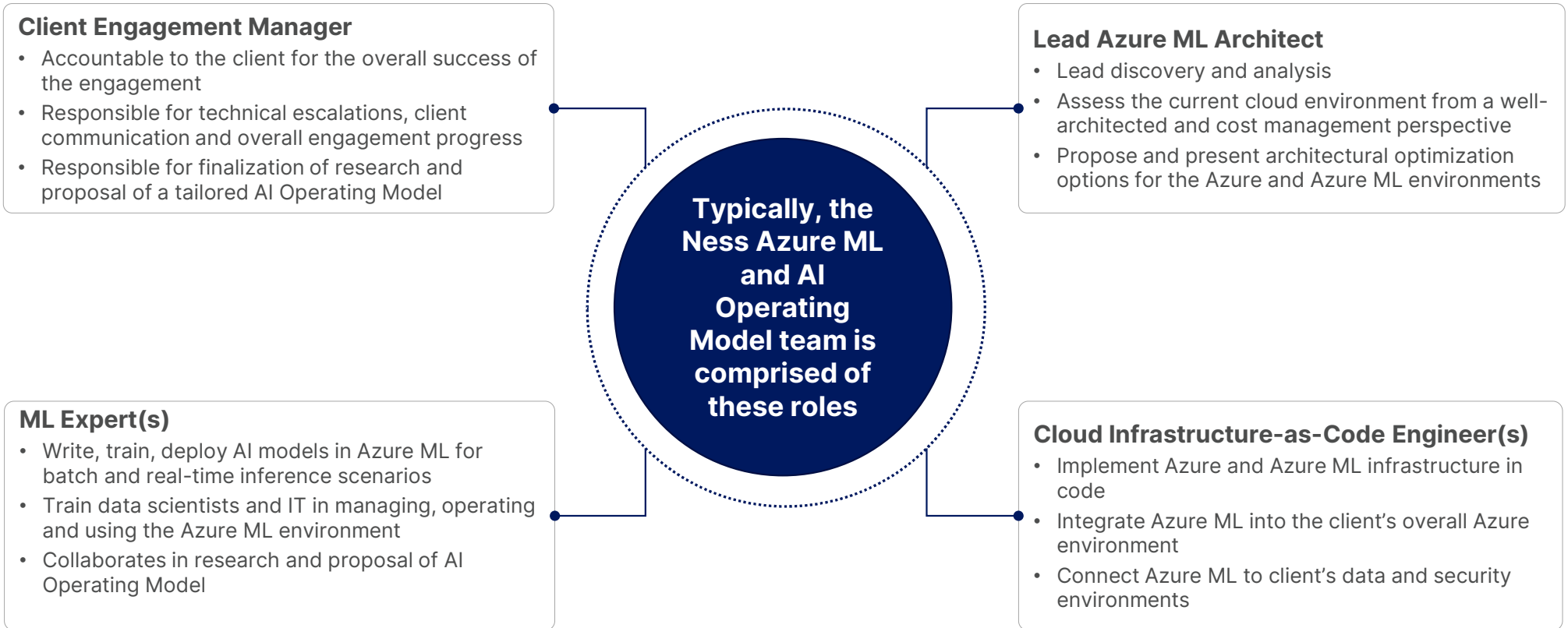
## Phase 2: Environment Implementation & AI Operating Model Creation

- Remediation of Azure environment gaps or implementation of new Azure environment
- Remediation of Azure ML gaps or implementation of new Azure ML environment
- Creation of tailored AI Operating Model and executable plan for implementation
- Creation of AI use case implementation plan

## Phase 3: Use Case Implementation & Training

- Implementation of one or more AI use cases on Azure ML
- Training of data scientists and IT in using, managing and operating the Azure ML environment
- Implementation of AI Operating Model
- Implementation of AI Maturity level gap remediation

# Team



# Pricing

The Ness Azure ML & AI Operating Model Offering is typically offered as a fixed price Discovery & Maturity Assessment, followed by a customized Implementation & AI Operating Model Creation engagement and one or more Implementation & Training initiatives

Other pricing and structure options are also available, depending on client preference

The duration and cost of the Implementation, AI Operating Model & Training initiatives are dependent on an organization's existing or proposed Azure and Azure ML environment size and complexity, our assessment of its AI Maturity level and the specific requirements for training

Results of the Discovery & Maturity Assessment phases will typically drive structure, price, duration and complexity of the follow-on initiatives



# Ness Overview

# About Ness

We are a leading technology consultancy and product engineering firm with cross-industry domain expertise

- 20+ years of specialization in product and platform engineering
- Cloud migration and modernization leveraging a stepwise approach to digital transformation
- Multidimensional Global Engineering Skillset – a workforce with more than 7 years of experience on average

## Our Key Practices Driving Digital Innovation



Cloud Engineering



Data and Analytics



Intelligent Engineering



Salesforce



Experience Design



Regulatory Reporting

**5/5**

DISTRIBUTED AGILE DELIVERY “FORRESTER”

**5,000+**

RELEASES PER YEAR

**65**

INTELLIGENT ENGINEERING CENTERS

**3,500+**

EMPLOYEES

## Our Strategic Partners



# How We Work With You

Blending innovation and human-centric focus with rapid and iterative delivery, we get you to market quickly and get it right the first time

