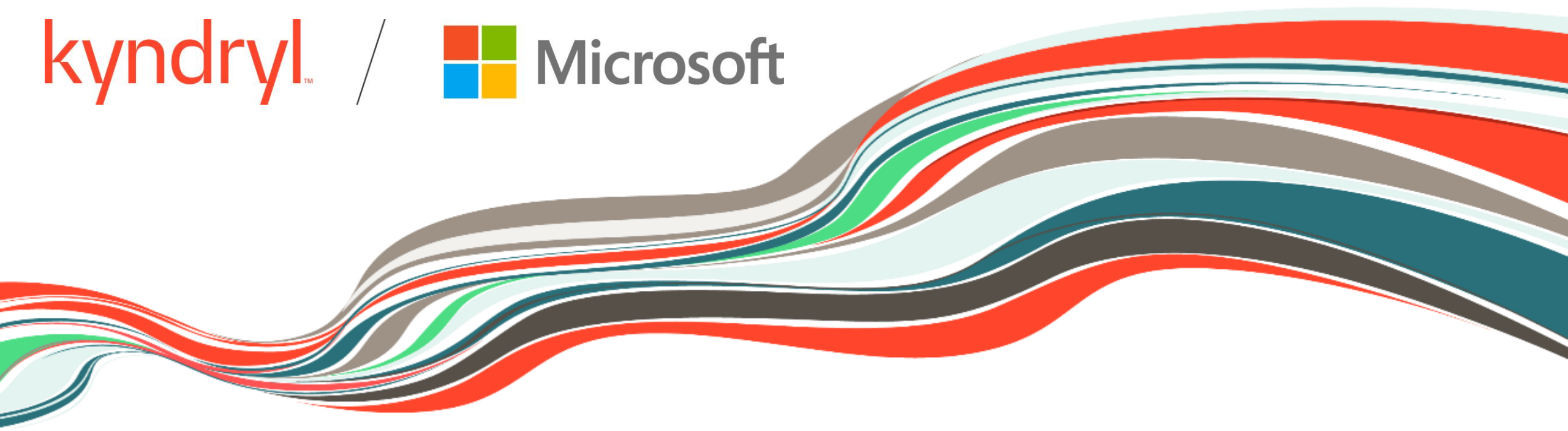




Microsoft



Mainframe Application Migration to Azure: 2-Day Collaborative Assessment



Mainframe transformation and application modernization – the Kyndryl way

Successfully leveraging the cloud to help accelerate digital transformation requires a *“Holistic Approach”*



Begin with the end in mind

“Modernize On”

Transform applications on the mainframe by implementing and exploiting the most modern features available of the platform.

“Integrate With”

Modernize applications on the mainframe and integrate them with replatformed or existing applications hosted on public clouds.

“Move Off”

Remove an application from the mainframe using various approaches and host them on the public cloud.

Strategy

Assessment

Planning

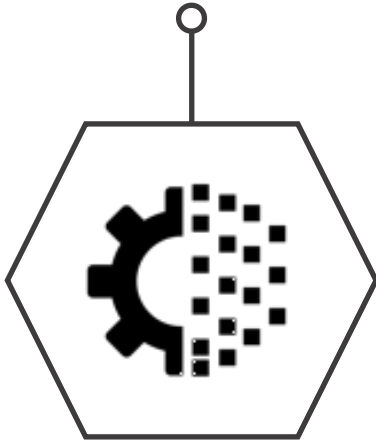
Transformation

Management

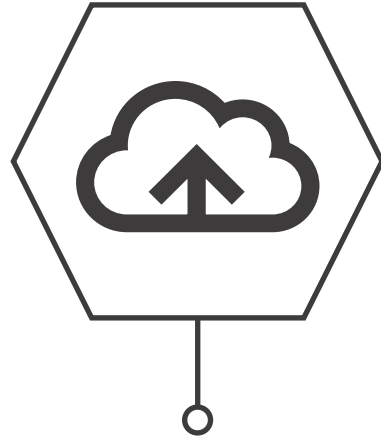
Kyndryl Mainframe Migration Framework

The Journey Starts Here

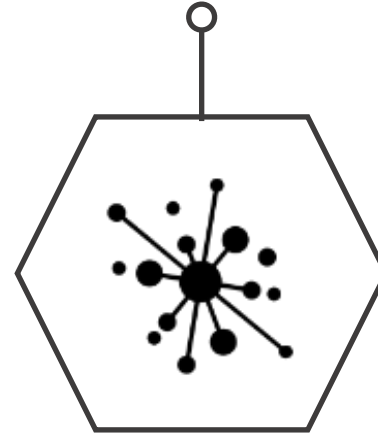
**Mainframe Migration
Assessment**



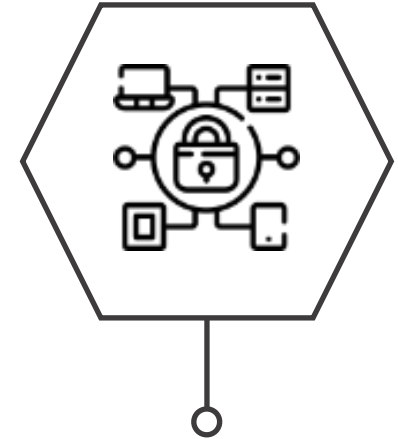
**Discovery & Design for Proof
of Concept (PoC)**



Execute Migration PoC



**Mainframe Migration @ Scale
Roadmap**



Mainframe Application Migration to Azure: 2-Day Collaborative Assessment

Kyndryl 2-day collaborative assessment focused on understanding your Mainframe environment, applications, and designing your mainframe migration strategy to Microsoft Azure

Challenges

Mission critical applications hosted on the mainframe require a deep analysis and understanding when developing a migration strategy. Avoid risky, long and expensive migrations.

Solution

This 2-day collaborative assessment with Kyndryl experts will result in a clearly defined migration strategy for Mainframe applications to Microsoft Azure

Data Collection

- **Application Mapping**
- **Data Mapping**
- **Dependencies with other applications/platforms**

Applications Analysis

- **Analyze the Data**
- **Design the Best Approach**

Migration Roadmap

- **Findings / Recommendations**
- **Roadmap / Migration Strategy**
- **Next steps**



Mainframe Migration : 2 Day Assessment

Kyndryl offers a 2 day assessment for your mainframe to understand and design your mainframe migration strategy to Microsoft Azure

Challenges

Critical applications are hosted on the mainframe and migration without a deep analyze and strategy is risky, very long and expensive.

Solution

This two day assessment with Kyndryl experts will result in a clear defined strategy to migrate Mainframe applications on Microsoft Azure

Datas Collection

- Applications Mapping
- Datas Mapping
- Dependencies with other applications/platforms

Applications Analysis

- Analysis the collections
- Design of the best approach

Migration Roadmap

- Findings / Recommendations
- Roadmap / Migration Strategy
- Next steps



Outcomes

- ## Deliverables

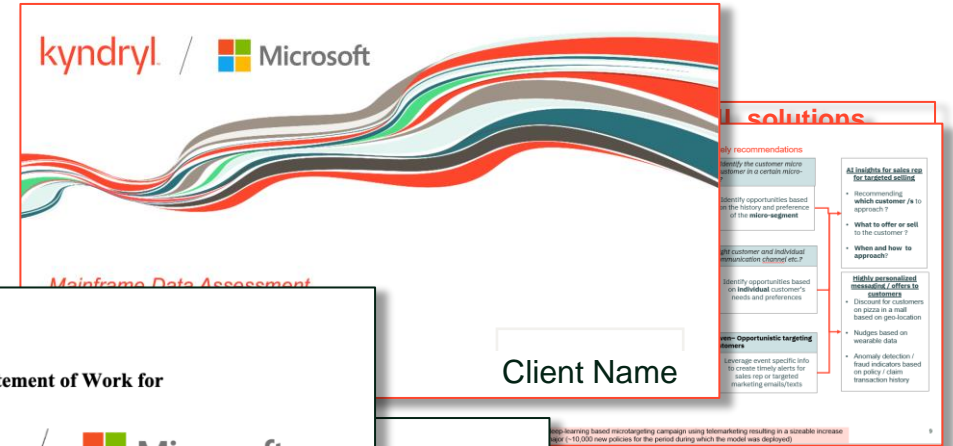
- ✓ Workshop assessment summary
- ✓ Proposal(s) for detail discovery / high-level solution and schedule for a proof-of-concept

[illegible]

Outcomes

- ## Deliverables

- ✓ Collaborative assessment summary
- ✓ Proposal(s) for detail discovery / high-level solution and schedule for a proof-of-concept



Client Name

Statement of Work for



To provide:

Mainframe System Data Operations Engagement

to

Client Name

04/01/2023

This Statement of Work shall be considered confidential under the terms of AP2002.

Services: means the work performed by IBM in the "IBM Responsibilities" section.

Task(s): means an assigned piece of work related to the project that is the subject of this SOW.

[illegible]

Broadly, we will explore two main paths during our assessment

1

Infrastructure Modernization (Move or ReHost) “Lift and Shift”

Migrating an Application’s Business Logic and associated Batch Jobs to allow it to run in a new x86 environment with new x86 supported compilers of the programming language used. (e.g., Ent. COBOL to MicroFocus COBOL)

This can be seen as a “**Lift and Shift**” with no changes to Application business Logic or the User Interface (UI) i.e., 3270 screens

Ideal Workloads :

1. Applications that are “Frozen” and the Customer must keep them operating for Regulatory reasons.
2. Customer has migrated to a new LOB Application and a few satellite applications need to be Transformed as TCO is unsustainable.
3. Customer has a few applications, total MIPS is ~ 3000 and the TCO is unsustainable.

2

Application Modernization (Improve or RePlatform) “Code Conversion”

Migrating an Application’s Business Logic and associated Batch Jobs to allow it to run in a new x86 environment with new x86 programming Languages and supported compilers. (e.g., Ent. COBOL to Java or golan)

This is a “**code conversion**” of the Application Logic and also provide a new User Interface (UI) i.e., html screen.

Ideal Workloads :

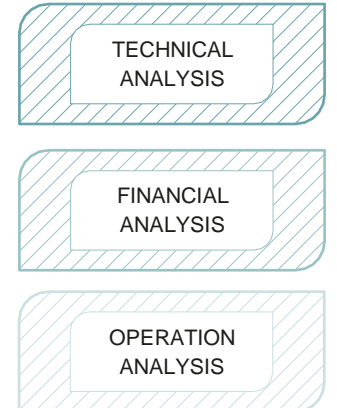
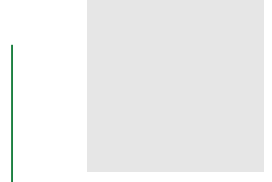
1. Customer has developed their inhouse applications, they want to retain their business logic and continue to invest on it, using modern development techniques
2. Customer has a Hybrid cloud strategy and is currently seeking options on Mainframe Exit to align with their Corporate strategy
3. Customer has several hundreds of applications, and they want to repurpose applications based on Business requirements and Cost of Operating their environment



MAINFRAME ASSESSMENT
(today)

- Client challenges
- Modernization objectives
- Functional mapping of apps and data
- Technical skill gaps
- Current and future SLA / NFR considerations
- Risk and compliance

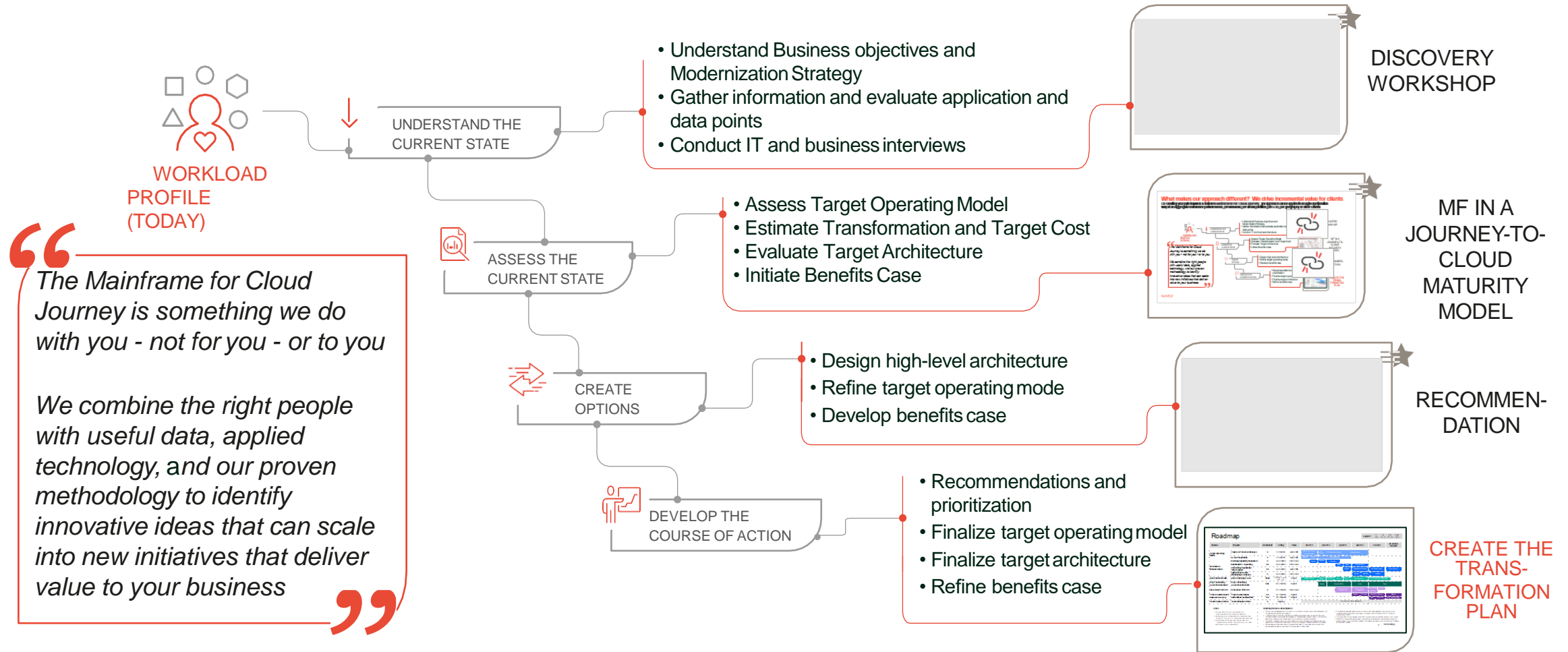
DISCOVER WITH TOOL-BASED WORKSHOP



FEASIBILITY ANALYSIS

What makes our approach different? We drive incremental value for clients

Co-creating your path towards a seamless **Mainframe for Cloud Journey**. The approach can be applied in an agile and iterative way at an aggregate mainframe platform level, per workload, per virtual partition, per LOB, per geography or other criteria



What makes our approach different? Holistic approach driving incremental value.

Co-creating your path to value with a seamless **Mainframe for Cloud Journey**. The approach is applied in an agile and iterative way at an aggregate mainframe platform level, per workload, per virtual partition, per LOB, per geography or other criteria

