

Mainframe (IBM Z and IBM i) Estate Transformation 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

Transform on Platform

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

Integrate with Public Cloud

Modernize applications and data on the mainframe and integrate them with applications hosted on public cloud.

Move off Platform

Modernize and move applications and data off the mainframe using various approaches and host them on the public cloud.

Strategy

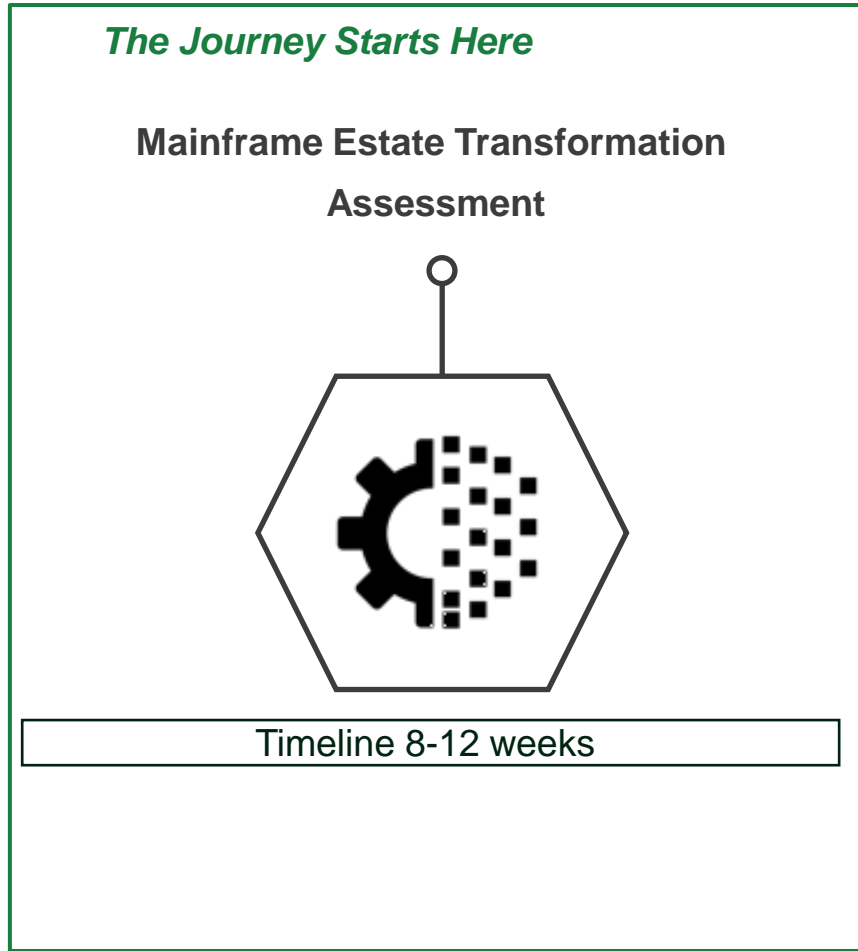
Assessment

Planning

Transformation

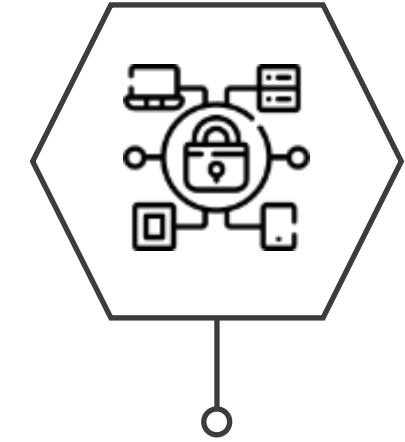
Management

Kyndryl Mainframe Estate Transformation Assessment Engagement Framework



Your Roadmap available in ~8 weeks

Execute Application Modernization PoC



Mainframe Application Modernization @ Scale Roadmap



Agreed timeframe from roadmap to POC

Kyndryl's Mainframe Estate Transformation Assessment - methodology



How can a Mainframe Estate Transformation Assessment help me achieve my business goals?

How can I modernize my application portfolio?

Kyndryl's Mainframe Estate Transformation

Assessment is based on a series of focused, time-boxed activities, the outcome of which is to provide insights into:

- Application complexity
- Dependencies
- Dead-code
- Redundant code
- Interfaces
- Integration between application on distributed platform
- Complexities
- Recommendation on target application disposition

Valued outcomes

- A detailed understanding of your application portfolio, active and inactive components, application dependencies, interfaces, and data flows, as well as interactions with upstream and downstream systems.
- Preliminary cost/benefit analysis of the current environment compared with the potential to-be environment.
- Roadmap including recommendations, next steps, prioritization of applications and potential Proofs-of Concept.
- Anticipated impacts of the recommended transformation.

Insights that Kyndryl's Mainframe Estate Transformation Assessment provides

Business enablers

1. Detailed inventory of assets and its functionality enables you to make informed decision on modernization
2. Business parameters like TCO, transition cost, CAPEX and OPEX evaluation, modernization cost, time to modernize can be derived from the assessment
3. Classification of application into different phases for migration
4. Identification of gaps in application portfolio
5. Evaluation and alignment of IT goals to business strategies
6. High-level plan with Rough Order Magnitude cost and identified risks

Technology adoption

1. Clear understanding of
 - i. Data flow
 - ii. Upstream and downstream application flow
 - iii. Interfaces
 - iv. Complexities
2. Recommendations for optimization and modernization of application inventory
3. Identification of end-state of application environment
4. Identification of key integration points
5. Identification of redundant applications