Infosys®

MAINFRAME ***MODERNIZATION*** *STRATEGIES*

NON-DISRUPTIVE RENEWAL
OF IT LANDSCAPES

Companies have invested a tremendous amount of energy in mainframe systems. These systems were created at a time when the technology environment, business context and user expectations were starkly different than they are today. As a result, organizations require a strategy to renew and optimize these systems, dramatically reduce costs, and open them up to new experiences and user-centric applications. What many businesses don't realize is that full-scale migration is not necessary in order to generate significant value, and in fact a non-disruptive path toward modernization is possible.

THE INFOSYS APPROACH IS GROUNDED IN THE PRINCIPLES OF OUR AIKIDŌ SERVICES OFFERINGS

Ki

capturing the knowledge and knowhow of long-lived mainframe and other legacy systems to simultaneously renew and accelerate them, and enable them to bring entirely new experiences – non-disruptively.

Ai

delivering open, intelligent platforms that bring transformation – new kinds of applications, new software tools, unprecedented levels of data processing, a radical new cost performance, and more.

Dō

design-led services in which we bring a Design Thinking approach to mainframe modernization, starting with a deep understanding of our client's business and IT objectives to find the most critical problems to solve – and the biggest opportunities ahead.

ACCELERATE

In certain cases the cost and risk associated with re-writing complex, stable programs calls for leaving assets unchanged. That said, significant cost savings can be obtained through optimization on the mainframe or re-hosting on a cloud environment, to accelerate existing mainframe systems.

RENEW

Encapsulation in precise, well documented APIs, externalization of rules, technology upgrade and modularization dramatically reduce development cycles, enabling new user experiences and applications scenarios.

TRANSFORM

In many situations program run-time cost, maintainability and flexibility objectives can be best achieved via a re-write and re-deployment on a modern architecture, or replacement with a packaged or platform solution.

UNPARALLELED *EXPERIENCE*

28,000+ Mainframe developers and technology leads

900+ Mainframe modernization projects

20+ Infosys Modernization tools and partnership with 10+ external leading tool providers

Strategic partnership with MSFT and AWS for cloud adoption

DRIVING *IMMEDIATE VALUE*

Over the last three decades, Infosys has built deep expertise in managing, maintaining and evolving complex legacy landscapes, in particular mainframes. Working closely with clients, Infosys can bring drastic savings in mainframe costs, bring real-time to the landscape and securely open it up to the outside world.

DISCOVER

- Precise and complete inventory of functionality, mapped to business process.
- Comprehensive technical profile per component including resource consumption, complexity, external dependencies and maintenance and extensibility requirements.

REIMAGINE

- Based on results of the Discover analysis.
- Detailed roadmap indicating target strategy per program including expected savings, time to value, acceleration and risk.

ACCELERATE
- 30-40% reduction in MIPS
- 25-30% Batch acceleration
- 80% cost reduction, zero downtime via Cloud re-hosting

RENEW
- 90% reduction in time and effort to expose and consume program functionality
- Deployment of APIs in days, not weeks; carving out firelanes so that we can create multiple, optimal velocities.

TRANSFORM
- Order of magnitude improvement in maintenance and extensibility
- Legacy rules extraction and logic generation
- Zero loss of functionality

GETTING **STARTED**

Defining the roadmap and end state in your mainframe modernization strategy is just as important as accurately discovering and unearthing all the dependencies and risks that are specific to your landscape. We have designed a simple initial assessment leveraging our mainframe modernization platform, our partner ecosystem, key learnings from past migration programs powered by a pool of experienced modernization architects.

- 4 Weeks of Value Assessment to discover the current mainframe landscape, associated problem statements and re-imagine a target state architecture by identifying tangible modernization opportunities that can deliver immediate business value.

- 8 weeks of Value Assessment & Delivery to discover the current mainframe landscape, associated problem statements and re-imagine a target state architecture by identifying tangible modernization opportunities along with proof of value, and a prototype for a specific problem statement or opportunity.

  To get started please send in your request to modernization@infosys.com

---

For more information, contact askus@infosys.com

Infosys®

Stay Connected