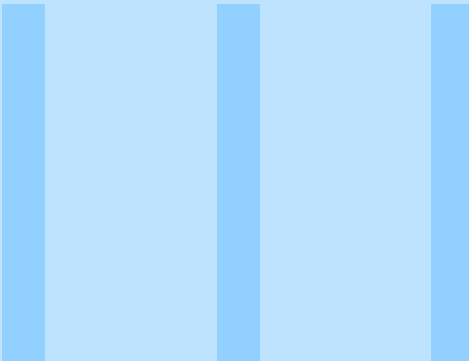
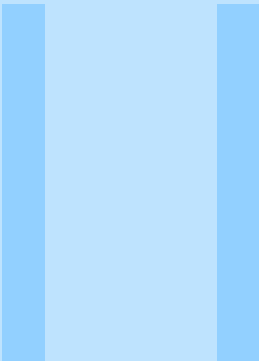


DESIGN
THE RIGHT
MODERNIZATION
STRATEGY
THROUGH
INFOSYS VALUE
DISCOVERY



A 2018 Gartner report - Mastering the New Business Executive Job of the CIO highlights that the top priority business objective for a CIO is growth/market share followed by digital transformation. In order to increase the market share, the existing technology landscape should be agile and flexible to not only meet the ever-changing business needs but to also create new business opportunities. Most organizations run their core businesses on legacy systems such as Mainframe, AS400 for decades. The programming languages used in these systems are outdated and it is very difficult to interpret the business logic from the legacy code. This acts as a major challenge for business leaders when creating IT systems that must align with their business strategy.

How our value discovery approach provides a better modernization solution?

The modernization strategy is purely based on business needs and is driven by customer requirements. The huge presence of legacy landscape, complex code, and the business risks involved in modernization have significant impact on the modernization decisions. Our detailed approach is provided below

- Our approach involves combination of top-down and bottom-up analysis and based on the data collected we determine the appropriate cloud adoption strategy on Azure Platform,

either by re-hosting using an emulation software or by re-engineering as cloud native applications.

- In the top down approach, we understand the business knowledge and requirements through questionnaires and workshop and our bottom up analysis provides the detailed inventory information through Ki and in-built tools.
- The information from our top down approach is loaded into the Ki tool and integrated with the technical

information to provide a focused recommendation of the modernization strategy to our customers.

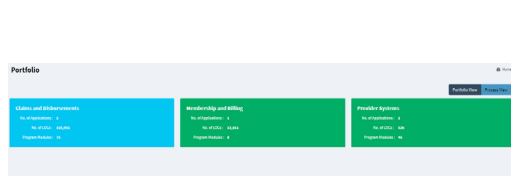
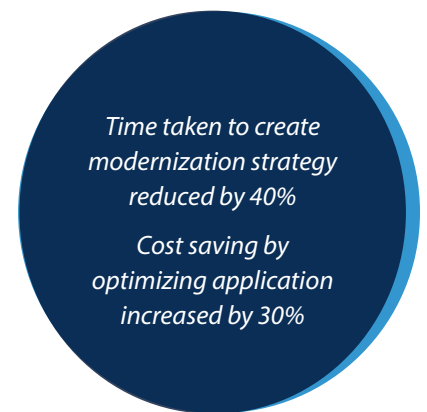
- Reference architectures has been created for 9+ mainframe patterns including pure online, pure batch, online with networked files to better define the migration roadmap.
- The migration TCO calculators has been enhanced to include costing of the cloud technologies and the reference architecture to better derive the business case.

Salient Features of our Ki Tool

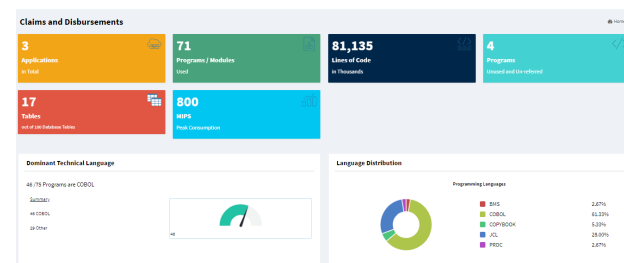
- Ki curate knowledge from existing portfolio and acts as a single source of truth across processes, static technology views, and dynamic data from systems. The portfolio view from Ki helps identify the various components available in the application inventory.
- The insights from Ki reduces the migration cost to Azure with identification and elimination of

inactive inventory, dead code, and obsolete components.

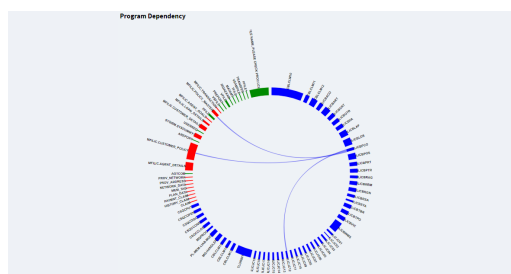
- The enterprise view and job flow provided by Ki tool helps illustrate the dependencies between applications, thus providing relevant and useful information in creating an appropriate modernization roadmap for cloud adoption at an enterprise level. Few of the snapshots are provided below



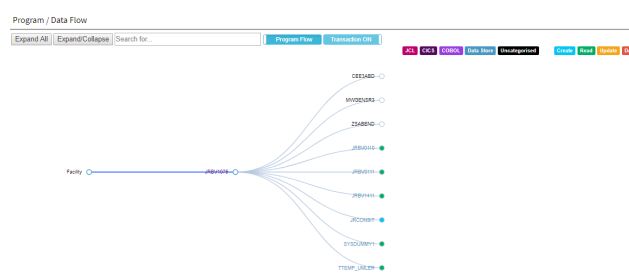
Application Portfolio High level View




Application Portfolio Detail View



Dependency Chart



Program/Job Flow



Infosys- a strategic partner on assessing your IT environment

- Infosys adopts a 'meet in middle approach' which is a combination of top-down and bottom-up analysis to create a more holistic strategic roadmap
- Our tool based auto scanning approach of the underlying technology provides very accelerated and accurate view of the modernization options
- Tool-based analysis reduces dependency on SMEs and eliminates human errors when framing the modernization strategy
- Our deliverables from Knowledge Curation Platform provide meaningful insights at an enterprise level to help understand the business impact of modernization on other applications
- Infosys has strong talent pool of 10,000+ domain and technology consultants that has more than decade expertise in executing the larger transformation projects



How we helped our customers to start their transformation journey?



European Brewing Company based in US wanted to reduce their operational expenses through elimination of mainframe footprint and standardized their IT Landscape by modernizing the unsupported technologies such as MANTIS and SUPRA. Tool based analysis was carried out on inventory of ~29,378 components across 3 Line of Business. At the end of assessment, we recommended to migrate mainframe to Azure Platform which could lead to savings of \$14M-\$18M over the period of 5 years.



A Global Car Manufacturer experienced multiple outages in their core business functions running on mainframe such as vehicle supply chain, after sales and financial services. An assessment was carried out for 73 applications which had 23M LOC (Lines of Code) in three different phases. As part of this assessment, high priority applications were identified and a modernization strategy was designed for all the applications. The modernization solution is currently implemented in a phased manner.



A European Investment and Financial Services Bank wanted to eliminate their legacy system which was hindering their modernization initiative. We analyzed 2300 Tier-3 applications which were found to be redundant and non-critical. Infosys eliminated 45% of Tier-3 applications which resulted in payback of 12-18 months.

For more information, contact askus@infosys.com

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Navigate your next

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