



Application Modernization – *Assessing for Readiness*

Migrate your next workload with confidence

EPAM's Application Modernization engagement delivers an in-depth analysis of 1-5 simple applications for modernization to Azure complete with architecture design, migration plan and actual migration.

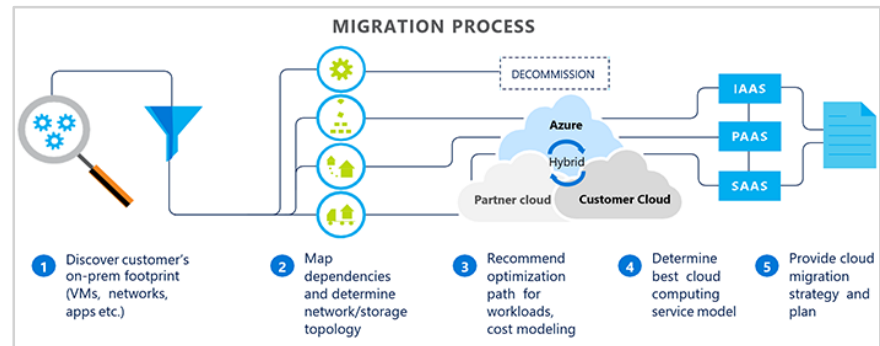
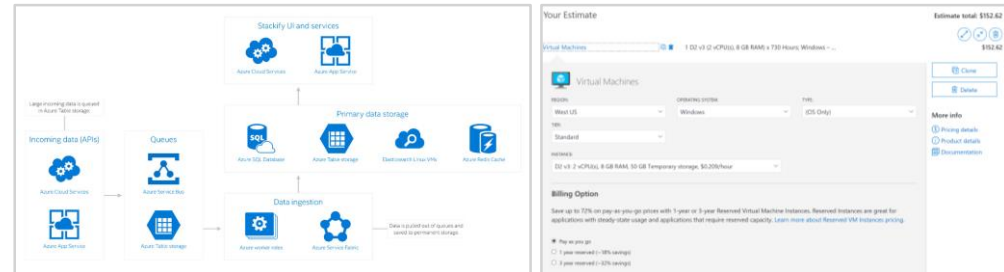
Architecture Design recommendations based on performance data, application dependency mapping, and desired end state for management

Migration Plan delivered and reviewed with the customer prior to starting the modernization effort

Application Modernization and Migration Completed as part of the engagement

Deep expertise from EPAM to train your application and data owners

Dedicated support from EPAM throughout the duration of the engagement to ensure objectives have been met



The EPAM Lean App Modernization Approach



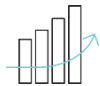
Primarily focused on driving profitable growth



Helps you becoming more adaptive and more scalable



Targets higher level of customer experience and satisfaction

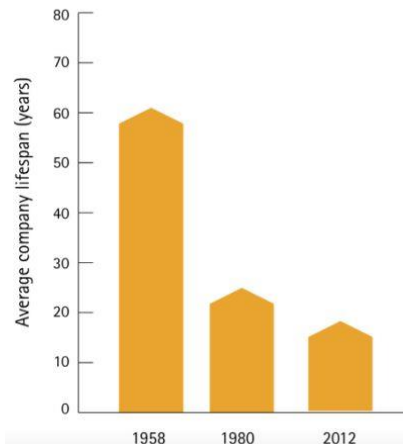


Governed by data

DIGITAL IS THE CATALYST OF THE CONTINUOUS ACCELERATION OF BUSINESS INNOVATION

"Here we must run as fast as we can, just to stay in place. And if you wish to go anywhere you must run twice as fast as that."

- Lewis Carroll



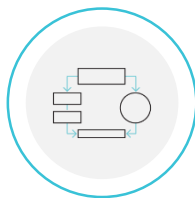
Based on current trends, 75 percent of S&P 500 companies from 2012 will fade into obscurity by 2027.

Source: Constellation Research/Innosight

We Can Offer Multiple Assessment and Transformation Areas



Mainframe
Migration



Rewrite using Modern
Application Architecture



Engineering Excellence &
CI/CD Enablement

KEY THEMES

- Aligned IT Strategy with Business Strategy. Top-down transformation is a requirement
- Change touches all levels and requires “refactoring” of the organization
- Agile Culture is important to assure success and allows continuous delivery

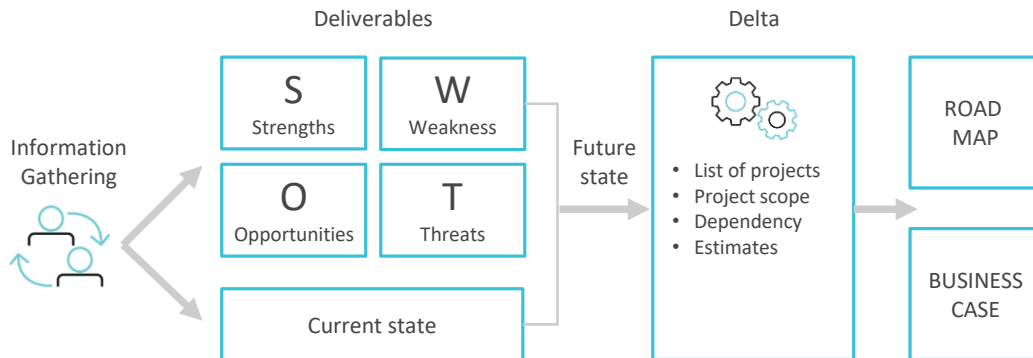
Legacy Modernization Approach: Assessment

PURPOSE:

Asses the current ecosystem

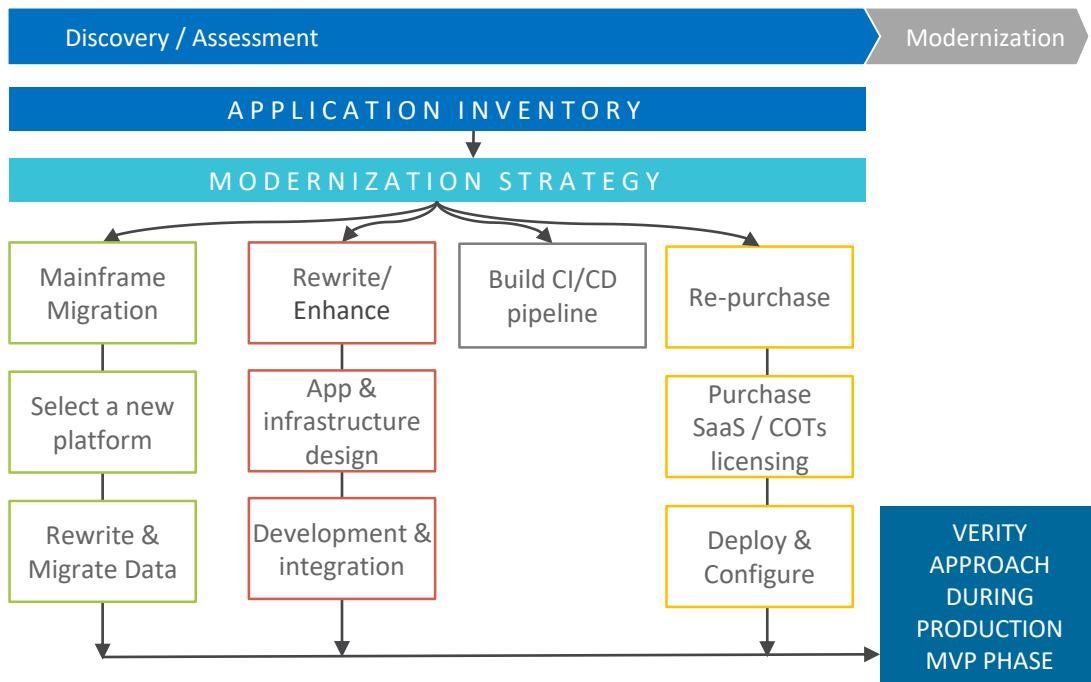
- Gather “AS-IS” state by collecting information about the apps and performing SWOT analysis across measures of Cost, Risk (maintainability, staff availability, supportability etc..), impact on Revenue growth and retention
- Understand the future state from a technical, capabilities, and process perspective – opportunities to migrate to different ecosystem, just migrate databases, partial vertical or horizontal migration
- Identify gaps between current state and future state
- Based on the available information create a roadmap and business case(s)

FOCUS: COST, RISK AND REVENUE GROWTH



- Accommodate changes in business imperatives
- Focus on Cost, Risk and Revenue Growth
- Proactively understand the affects of the different levers within ecosystem
- Measure and monitor the progress – focus on the quantifiable results

Legacy Modernization Approach: Journey



Modernization starts with a holistic understanding; gathering of facts about the existing ecosystem

- Salvage functionality while modernizing
- Accelerate ROI through remediation and enablement
- Never put the business at risk

Summary of Deliverables

WORK PRODUCTS	WORK PRODUCTS DESCRIPTION	EPAM	CLIENT
High-level Project Plan	A detailed work plan including the interview and workshop schedule as well as a list of stakeholders Format: Microsoft Project	Primary	Assist
Current State Overview	Reflects a summary of the current state in terms of functionality provided, architecture, application size, data usage and integration points based on the information provided Format: PowerPoint	Primary	Assist
SWOT	At the end of assessment phase the team will create a SWOT assessment PowerPoint document that will feed the Analyze and Recommendation phases of work. This document will contain the following four sections: <ul style="list-style-type: none"> S- Strengths – what “the system” is doing well and should continue to do W- Weaknesses – where “the system” has weaknesses related to technical, functional, and economics criteria O- Opportunities – where “the system” has opportunities to improve related to technical and economic criteria T – Threats – where “the system” has areas of threats or areas that need to change before the system can move forward related to technical and economic criteria Format: PowerPoint	Primary	Assist
Target State Recommendation	Recommendation on what the future state of “the system” Format: PowerPoint	Primary	Assist
Technical Gap Assessment	Technical gap assessment highlighting areas of risk and technical deficiencies of the current state based on the information provided Format: PowerPoint	Primary	Assist
High-Level Roadmap	Recommendation for a prioritized roadmap to get “the system” from the current state to the future state based on the information provided (taking into consideration technical, operational, and business readiness) Format: PowerPoint	Primary	Assist
Business Case	A supporting business case that is aligned to the agreed upon roadmap Format: Excel & PowerPoint	Primary	Assist