# **Modernization Blueprint**

## Defining the Path and Rationale for Legacy Modernization

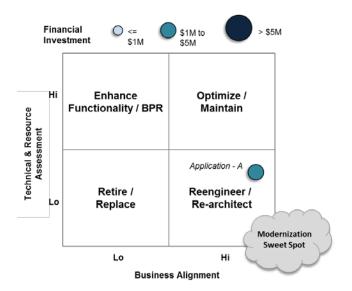
The first step toward change is realizing the need for change. Many organizations understand that their current application portfolios are plagued with redundancy, inefficiency and high complexity, largely as a result of poorly managed legacy applications. Skyrocketing IT costs and increased difficulty in responding to business needs are the end result. However, although organizations recognize the need to modernize, they're often unsure of the right approaches to modernization or how to even begin the process. Enterprise application portfolios, like many of the monolithic applications that they encompass, have themselves become unwieldy and overly complex. Sifting through the many applications to identify opportunities for positive change can be a daunting task for any organization, but even greater for those organizations that lack the resources or the skillsets. Additionally, objectivity is often lost in the process as biases or vested interests influence assessment results and decision-making.

A modernization blueprint will not only shed light on the path forward, but will, more importantly, build organizational consensus towards a common goal around enterprise-wide legacy modernization.

# **Leveraging Application Portfolio Management (APM)**

Not all application portfolios are created equal, but many, if not all, share a common trait – a sizeable footprint of legacy applications. Each legacy application, in turn, has different traits that warrant a different approach to how organizations can best manage

### **Uncovering the Legacy Modernization 'Sweet Spot'**



#### Key Value:

- A Modernization Blueprint defines the path toward building an enterprise-wide legacy modernization capability
- A Modernization Blueprint is developed leveraging the disciplines and data-driven analyses found in Application Portfolio Management (APM)
- Renaissance's experience, methods and tools allow for a customized Modernization Blueprint to be crafted within 4-6 weeks

Renaissance

### **Modernization Sweet Spot**

Targeting relatively high-cost, business critical legacy applications

those applications on a go-forward basis to optimize business value. Leveraging our Application Portfolio Management (APM) framework, we evaluate and measure each application across a number of key metrics that provide an overall picture of how well or not well it supports the business, its adherence to

technology standards and its total cost of ownership. Those applications which cluster within the 'Reengineer or Re-architect' quadrant are ideal candidates for legacy modernization. They are characterized by

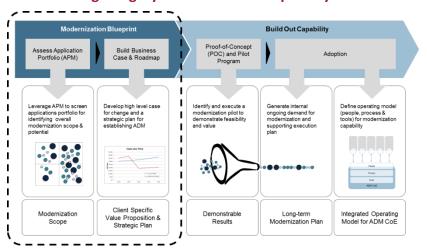
- Robust, business aligned functionality which can be harvested and fully re-used through modernization
- Technology noncompliance and instability creating risk which can be mitigated through improved code integrity / quality and architecture
- Relatively high cost to support and maintain providing an opportunity for substantial cost saves

Uncovering the full scope of modernization opportunities within an organization's application portfolio is only the first, yet crucial, step toward a Modernization Blueprint.

# **Building the Blueprint and Case for Change**

With the modernization scope defined, a business case then can be laid out to justify the initial and ongoing investment required to build out, execute and sustain an enterprise-wide legacy modernization program and capability. Not unlike other

### Path to Establishing a Legacy Modernization Capability



#### Renaissance Systems, Inc.

- Renaissance Systems delivers business value through the strategic leverage and deployment of legacy application modernization solution offerings.
- Renaissance Systems solution offerings are designed to transform and reposition organizations for increased IT efficiency and the integration of new business models.
- Renaissance Systems
  consultants bring a healthy
  mix of innovative thinking,
  pragmatic development
  experience and technical
  expertise to ensure the
  realization of quick and
  sustained value from legacy
  application modernization.

#### Renaissance Systems, Inc.

- Los Angeles
- New York
- Dallas
- Paris

strategic organizational capabilities, this is not an one-time activity, but rather an on-going discipline that provides a fresh perspective on modernization opportunities on a periodic basis.

## **Leveraging Our Experience for Your Organization**

Building upon our heritage in strategic IT planning and APM, we can help craft the right Modernization Blueprint to address both short and long term priorities. A Modernization Blueprint can be completed between 4-6 weeks. Contact us today to learn more about Renaissance's Modernization Blueprint offering.

### **Renaissance Systems Offerings**

RS-4-04-201300

#### Modernization Blueprint

Defining the right path toward building a legacy modernization capability based on Application Portfolio Management (APM) principles and data driven analyses

#### Architecture Driven Modernization

Extend and optimize the value and return of existing investments while reducing operational risk and enabling new business models through web integration and cloud deployment

#### **Delivery Transformation**

Enable faster and cheaper software development through the integrated deployment of Model Driven Development (MDD), Agile and automated code generation

#### Modernization Factory

Concentrate internal resources on higher value–add activities by outsourcing the full life cycle of migrating and managing legacy applications

#### **Contact Information:**

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