

## Legacy Modernization – Modernize & Scale

According to industry estimates, COBOL remains the most widely deployed programming languages running business critical applications on Legacy Mainframe systems which accounts for nearly 75% of all the computer transactions. CIOs and IT Managers handling legacy mainframe based enterprise applications constantly face challenges such as:

- High costs associated with maintaining and upgrading expensive legacy systems
- Risks associated with running potentially unsupported hardware and software
- Shrinking labor-pool expertise on legacy systems
- Lack of flexibility to add new products and services that contemporary platforms offer
- Lack of integration and web capabilities for different business applications

Legacy systems are any organization biggest IT assets with millions of investments, decades of development from generations of team supporting critical business functions. Above issues related to legacy systems are key thoughts to modernize the legacy systems when conventional practices of maintenance and enhancement can't address.

Infosys' Legacy Modernization Solution, part of Catalytic IT solution suite, offers enhanced flexibility to your enterprise by modernizing and migrating your legacy systems to help you increase business responsiveness, lower costs and mitigate risks.

### Benefits of Legacy Modernization Solution

**Reduced cost:** Lowers high maintenance cost associated with existing legacy platforms resulting substantial saving in IT budgets which can be focused on new innovation and products/services to augment business value offerings.

**Enhanced flexibility:** Creates a flexible IT environment, with new architectural paradigms like SOA, is moving a step closer on aligning IT systems to dynamic business needs.

**Vendor options:** Contemporary platforms like Wintel (Window-Intel) platforms etc have ample vendor choices in software and hardware with a competitive pricing model which never results in vendor locking like on legacy systems.

### Infosys' Credentials

- For a leading retailer in USA with burgeoning incurring cost on legacy systems, Infosys' rehosted portfolio of legacy applications to commodity based Wintel platform to restrict high cost spent on legacy systems
- Infosys' successfully executed a low risk SOA based integration solution, for a UK based utility company, using its Integration frameworks to enable the enterprise to leverage its investments made on the mainframe
- For a utility major based in EMEA, Infosys proposed a Service oriented reengineering of legacy application to eliminate the risk on unsupported hardware & software, resulting increase the agility of application.

### Solution Overview

Infosys has identified five primary legacy modernization techniques that can be used to modernize legacy applications:

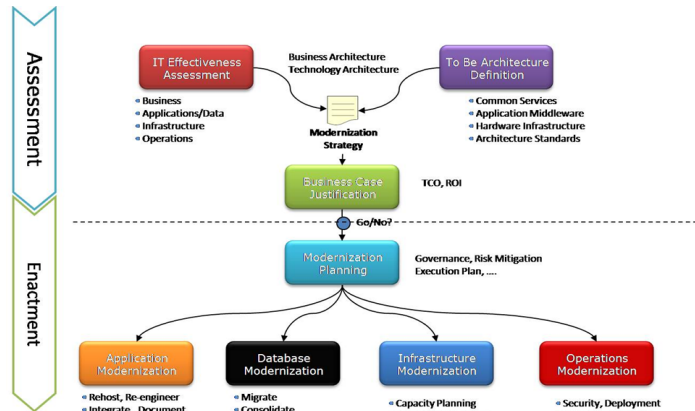
Technique	Description
Rehosting	Non-invasive approach of deploying legacy application on a newer platform to reduce to high maintenance cost associate in maintaining application in legacy platforms
Reengineering	A technique to rebuild the legacy application on a newer technology / platform with same or enhanced business functionality in a Service oriented Architecture.
Integration	Unlocking of data in a service oriented approach from closed architecture legacy systems to provide new access channels.
Package implementation	The legacy applications are replaced with modern, off-the-shelf-packages or commercially available ERP software's.
Documentation	A non-transformation approach to mine the business values from cryptic monolithic legacy code & processes embedded in the legacy systems to increase acquaintance

## Infosys' Legacy Modernization Methodology

Infosys' Legacy Modernization methodology consists of two board phases: Assessment & Enactment.

**Assessment** - The assessment phase consists of a number of steps: IT portfolio assessment, To-Be Architecture definition, Modernization strategy and Business case justification.

**Enactment** - This phase takes into account all the aspects of modernization, that is, modernization of Applications, Databases, Infrastructure and Operations, non-functional.



## Catalytic IT

Catalytic IT enables enterprises to transform their business by leveraging IT as a catalyst. This is an evolutionary and self-funding transformation journey. The portfolio of Microsoft technology integrated solutions and services under Catalytic IT enables enterprise businesses and their employees to realize a simplified, flexible IT environment that lowers the total cost of ownership and allows rapid change and innovation. Over 30 IP assets, service offerings, and blueprints facilitate the transformation.

Read more about Catalytic IT at <http://www.infosys.com/microsoft>

## Benefit of Infosys' Alliance with Microsoft

Infosys' strategic alliance with Microsoft brings together the innovative technologies of Microsoft and the integrated services delivery capabilities of Infosys to deliver tangible business value to you.

Steve Ballmer, CEO, Microsoft Corp, commenting on the alliance said, *"Microsoft and Infosys share a commitment to helping customers use technology to improve every area of their business, from process excellence to connecting with customers to responding effectively to the competitive landscape. Microsoft's long-term focus on delivering an integrated, manageable and reliable platform, combined with Infosys' unique delivery model and deep consulting skills, is designed to help customers succeed and grow through increased efficiency, cost savings and business value."*

## Allied Services

### Business Consulting

Provides you with strategic differentiation and operational superiority, assessments, proprietary industry analyses & projects structured around beating the competition.

### Enterprise Solutions

Our Enterprise Solutions help you automate your value chain using off-the-shelf packages. Our solutions span ERP, CRM, SCM and EAI. They help you to mitigate your risks, achieve faster returns and lower TCO.

### Trading and Risk Management

Provides deep business process knowledge with cutting edge technological capabilities to optimize information sharing, minimize exposure, and integrate business processes in trading operations.

### Enterprise Application Integration

Factory approach to application and database standardization, includes porting (VB to .NET migration), compatibility, application packaging, MS Access database consolidation, and database migrations covering Sybase, SQL Server and Oracle Database Systems.

## Global Presence

### North America

Atlanta, Bellevue, Bridgewater, Charlotte, Detroit, Fremont, Hartford, Houston, Lake Forest, Lisle, Monterrey, New York, Phoenix, Plano, Quincy, Reston, Toronto

### Europe

Amsterdam, Brno, Brussels, Copenhagen, Frankfurt, Geneva, Helsinki, Lodz, London, Milano, Oslo, Paris, Stockholm, Stuttgart, Utrecht, Zurich

### Asia Pacific

Bangkok, Beijing, Hangzhou, Hong Kong, Manila, Mauritius, Melbourne, Shanghai, Sharjah, Sydney, Tokyo,

### India

Bangalore, Bhubaneswar, Chandigarh, Chennai, Gurgaon, Hyderabad, Jaipur, Mangalore, Mumbai, Mysore, New Delhi, Pune, Thiruvananthapuram

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## About Infosys

Infosys Technologies Ltd. (NASDAQ: INFY) defines, designs and delivers IT-enabled business solutions that help Global 2000 companies win in a flat world. These solutions focus on providing strategic differentiation and operational superiority to clients. Infosys creates these solutions for its clients by leveraging its domain and business expertise along with a complete range of services.

With Infosys, clients are assured of a transparent business partner, world-class processes, speed of execution and the power to stretch their IT budget by leveraging the Global Delivery Model that Infosys pioneered.

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