Organizations looking to modernize their legacy systems in order to support their business transformation initiatives face multiple challenges:

- Migration of obsolete technology platforms to the latest ones
- Extraction of business rules out of legacy systems
- Minimizing mainframe dependency
- Development of applications complying with Service Oriented Architecture (SOA)

Application Migration Approach

Wipro has developed innovative solutions, tools and applications to help organizations modernize their existing application portfolio. Wipro’s expertise is spread along mainframe systems, modernization and migration approaches, solutions and tools that help preserve organizational DNA while providing a significantly lower TCO.

Wipro’s capability is spread across Business centric and Technology centric application modernization. Business centric modernization aims to understand the current state of the business process and rationalize the same to increase revenue or reduce the TCO. Technology centric modernization aims to understand the technology-related pain points like obsolete products, non-scalable systems and time-to-market.
Modernization through Migration

Organizations migrate their IT applications when business needs change or the platform reaches end-of-life, and licensing and maintenance costs explode. Enterprise-wide migration programs are initiated to drive technology standardization and application consolidation across business units.

Host Transformation Solution – Automated Application Migration

Wipro’s Host Transformation Solution (HTS) automates the migration of existing, disparate platforms to a common application platform. Automated analysis and code modifications provide reliable and assured migration. HTS accelerates the migration at significantly lower cost and at minimal to no-risk as there is no human intervention.

Benefits
• 30-40% cycle time reduction through automation across lifecycle profiling, remediation, estimation and testing
• 20-30% productivity gain enabling significant reduction in refactoring costs
• Built-in Program Management dashboard for monitoring and managing HTS driven programs

Modernizing through Business Rules Extraction

Mandated interactions with the ecosystem in which enterprises operate like government regulators, requires business agility and adaptation to changing environments. These challenges force enterprises to embrace new IT systems or modernize legacy systems innovatively and cost effectively.

Rule X

A powerful rules extraction automation engine that provides for analyzing, extracting, documenting & exporting business rules.
• Enables 50% faster platform migration compared to manual means
• Designed to handle varied legacy IT platforms, including those on Java, COBOL, Assembler and Betrieve

Minimize Mainframe Dependency

Large enterprises run 30-50% of their applications on Mainframes. They typical annual cost of maintaining 1,000 MIPS (Million Instructions Per Second) on a mainframe is USD 2.5 million. Every month, Fortune 1000 companies pay for about 4,000 to 10,000 MIPS.

Save My MIPS

Wipro has developed a solution to halve the MIPS needed for processing the same volume of transactions.
• Platform Re-hosting – for moving legacy applications, data, code base or scripts to newer platforms
• Batch Optimization – for processing large volume, batch transactions by optimizing CPU utilization reducing processing time
• Application Simplification – by simplifying code, processes, data or database migration

Modernization through SOA Adoption

SOA principles help organizations realize the benefits of reuse and loosely coupled component architecture to achieve long term benefits and standardize their architecture.

e-Enabler

e-Enabler framework is designed to assist any Java/SOA application development, with accelerators and components that jump start application development through ready-to-use user interface and infra components like logger and notifier. e-Enabler is Wipro’s patented JEE/SOA framework that provides off-the-shelf re-usable components and services-based on SOA and open standards.

Benefits delivered
• 30% faster time-to-market
• 20% increase in developer productivity
• 35% performance gain

For more information, please reach out to us at info@wipro.com

About Wipro Ltd.

Wipro Ltd. (NYSE:WIT) is a leading information technology, consulting and business process services company that delivers solutions to enable its clients do business better. Wipro delivers winning business outcomes through its deep industry experience and a 360 degree view of “Business through Technology.”

By combining digital strategy, customer centric design, advanced analytics and product engineering approach, Wipro helps its clients create successful and adaptive businesses. A company recognized globally for its comprehensive portfolio of services, strong commitment to sustainability and good corporate citizenship, Wipro has a dedicated workforce of over 160,000, serving clients in 175+ cities across 6 continents.

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