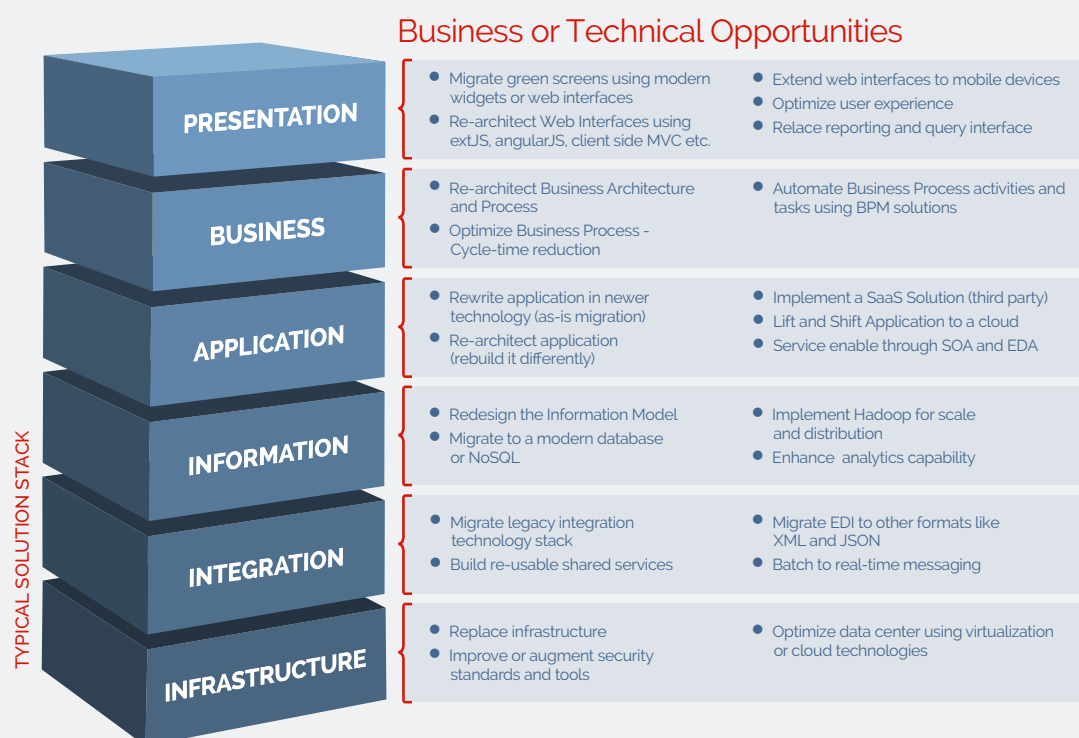# Technology and Application Modernization Services

Unlock Value from Legacy Systems, Gain Agility, Reduce Costs

IT executives are faced with the challenge of ever-increasing operational costs from legacy systems and finding skilled resources to support legacy systems, while at the same time they are being asked to meet emerging business priorities. The reality is that legacy applications run large portions of a corporation's business-critical functions and organizations can feel stuck; however, the other reality is that businesses that are transforming their IT infrastructure are becoming more competitive and agile.

If you answer "yes" to one or more of these questions, you may need to fast track your plans for modernization:

- Are more than 60 percent of your organization's global transactions running on legacy applications?
- Are you spending more than 50 percent of time and budget maintaining older technology (for example, mainframe costs) instead of investing in evolving your business capabilities and growing the business?
- Are you having more and more difficulty finding the necessary resources to operate and support the current, legacy environment and evolving to future needs?
- Is your IT organization falling short of business expectations in addressing market and business needs and delivering new products and solutions in a timely manner?
- Do you feel behind in delivering the analytics and decision models required by internal and external customers?

IT transformation doesn't just happen at the technology level. To truly transform your infrastructure, you need to consider the business and IT processes and tasks that must be supported by the infrastructure, often re-engineering them to be simpler and eliminating dead logic. Continuing to leverage core logic and business rules embedded in legacy systems and evolving them to meet future challenges requires a planned and phased approach to transformation.

Business or Technical Opportunities

TYPICAL SOLUTION STACK

PRESENTATION
- Migrate green screens using modern widgets or web interfaces
- Re-architect Web Interfaces using extJS, angularJS, client side MVC etc.
- Extend web interfaces to mobile devices
- Optimize user experience
- Relace reporting and query interface

BUSINESS
- Re-architect Business Architecture and Process
- Optimize Business Process - Cycle-time reduction
- Automate Business Process activities and tasks using BPM solutions

APPLICATION
- Rewrite application in newer technology (as-is migration)
- Re-architect application (rebuild it differently)
- Implement a SaaS Solution (third party)
- Lift and Shift Application to a cloud
- Service enable through SOA and EDA

INFORMATION
- Redesign the Information Model
- Migrate to a modern database or NoSQL
- Implement Hadoop for scale and distribution
- Enhance analytics capability

INTEGRATION
- Migrate legacy integration technology stack
- Build re-usable shared services
- Migrate EDI to other formats like XML and JSON
- Batch to real-time messaging

INFRASTRUCTURE
- Replace infrastructure
- Improve or augment security standards and tools
- Optimize data center using virtualization or cloud technologies

Benefits

- Reduced complexity of legacy systems through simplified IT portfolio and service orientation

- Enhanced capabilities, usability and functionality from modern applications, databases, languages and tools, including web and remote access

- Application life extension to include enhancements and broader integration with partners and customers

- Preserved investment in core business processes and valuable intellectual property contained in logic and business rules

- Improved Information architecture to support broad business agility

- Established foundation for future extensions into cloud, Internet of Things, and data analytics

- Reduced ongoing operational costs of maintaining legacy assets and resources, putting focus on strategic investments

Why IT People?

IT People can help you adapt, supplement, and migrate your restrictive, cumbersome legacy application systems from the ground up—all while retaining your existing business content. We can help you understand the benefits of newer, open-standard applications and ease adoption. Your end results will be a more efficient, agile and easy-to-use application environment ready to respond to changing business needs and propel company growth.

IT People expert consultants work with you to review existing IT systems and business needs and to determine the most innovative and cost-effective approach to modernize systems—which might include extracting more value from existing systems, evolving legacy systems, changing technology platforms or adding new applications.

We use proven planning, assessment and diagnostic tools and straightforward migration paradigms—including enterprise architecture (EA), service-oriented and event-driven architectures, and business process management (BPM) solutions—that have worked well with many other organizations to simplify legacy modernization.

IT People provides dependable outcomes by listening well and working alongside your team to generate results using thoughtful plans and firm program management disciplines. As we help you transform your technology to support current and future business growth, we work to reduce your overall IT costs, make your application portfolios more manageable and limit business disruption.

Discovery and Health Assessment

Provides an accurate understanding of the legacy systems, thereby enabling us to develop the architecture, strategy, roadmap and business case around modernization.

Business Rules Mining

Extracts business requirements from software applications, recasting them in natural or formal language, and storing them in a rules repository, such as Drools, for further analysis or forward engineering.

Remediation Services

Enhances application functionality, making applications easier to maintain and part of a highly scalable framework. Remediation seeks to optimize and modernize legacy applications through an evolution to service-oriented architecture, Web front-ends or massive code modifications.

Re-platform Services

Allows moving applications to newer, less expensive and more efficient technology platforms. For example, a company may move a Mainframe MVS CICS/COBOL environment onto a Red Hat RHEL, J2EE and JBOSS environment.

Migration Services

Lets you migrate to a standards-based environment in a manner that delivers maximum benefits while minimizing disruption to the business by using an intermediary service layer or something similar.

About IT People

IT People is a next-generation IT services and workforce solutions firm. We provide consulting, managed services and staffing to Fortune 500 corporations, public agencies, and small and mid-sized businesses throughout North America. Our specialties include IT modernization, infrastructure and applications optimization, and management. We enable organizations to achieve their business goals by transforming their IT processes, applications and infrastructure using the latest technologies for cloud, big data, mobile and social, and by providing them with exceptional talent when they need supplemental staff.

Our Vision and Mission

We are passionate about co-creating value with our customers and employees by offering IT services through applied thought and innovation with the commitment and integrity to deliver quality solutions on time, every time.

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