

## Increasing business process agility by migrating to VB.NET

### Client context

The move from VB6 to VB.NET is usually driven by the fact that mainstream support for VB6 has ended. But smart companies are taking advantage of this situation to achieve more than just migration to another platform. They view this as an opportunity to implement a more loosely-coupled, Service Oriented Architecture (“SOA”) and benefit from the increased flexibility and interoperability.

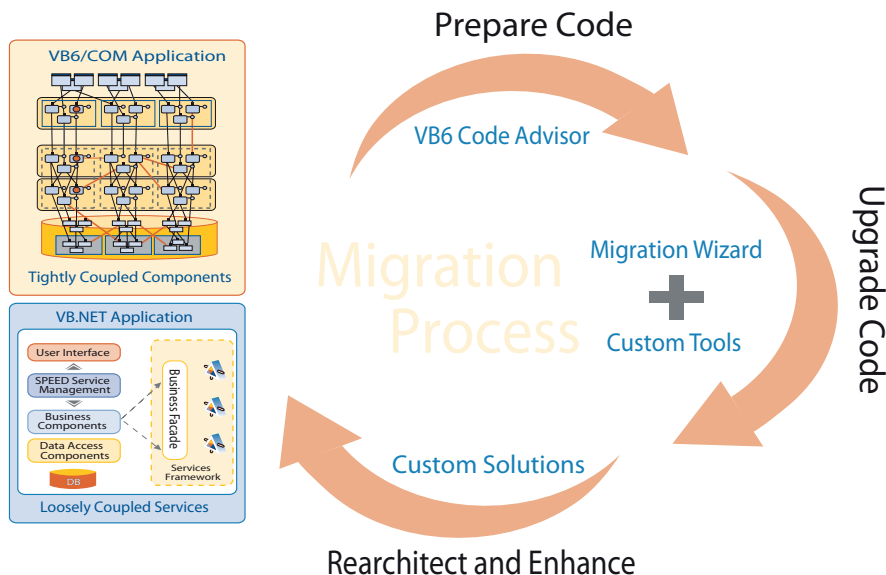
An Infosys client from the Insurance industry wanted to extend the reach of its Policy Management application to external users. As part of a re-engineering effort aimed at enhancing overall efficiency, the client wished to automate certain manual processes, thereby increasing business process agility and reducing cost.

Infosys recommended a .Net based architecture to deliver the desired results and assisted the client in developing a Proof of Concept and migrating the underlying application VB.NET. The custom-developed application, written in VB 6.0, had classic three-tier DNA COM architecture that included common infrastructure components for Logging, Auditing, and Data access. The application had over 2.5 million lines of VB code, approximately 300 screens, VB Forms and ActiveX controls. It was deployed via Citrix.

### Infosys makes the migration faster, less expensive and less disruptive

Infosys’ phased, tool-based approach to migration not only reduces effort but also time. Smart architecture can help cut costs by reducing the hardware required- without compromising on performance, scalability, security or availability. Additional benefits related to implementation are realized through Infosys’ Global Delivery Model. An indicative list of benefits for this client situation is given below:

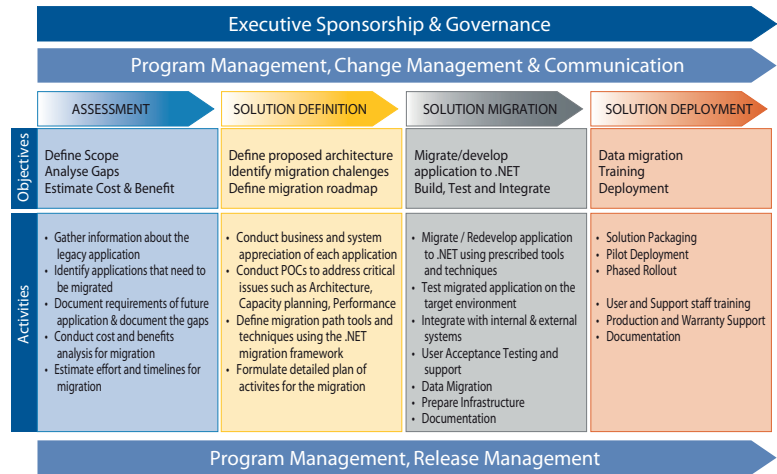
- 50-70% effort saved in Business and Data Tier Migration due to automation
- 30-50% effort saved in User Interface Layer Migration due to the tool based approach
- 20-30% reduction in migration timeframe
- .NET Smart Client deployment expected to eliminate 40 Citrix servers, resulting in an estimated 60% reduction in infrastructure cost
- Increased reliability of migration through automation
- Unique approach that enables implementation of new business functionality during migration, resulting in additional business value



## Infosys' .NET Migration Approach: high quality, time-efficient and cost-effective

Infosys' .NET migration framework is well defined and covers all aspects of the migration process. Key elements of the framework include:

- A structured methodology for conducting the migration
- Application related questionnaires to collect information required to make migration decisions such as port/re-write/interoperation
- Guidelines for assessment of the impact of migration
- Approach and tools for estimating migration effort
  - Suitable for layered approach
  - Takes into account code reuse
  - Based on experience of migrating large applications
- Solution options and best practices to address issues that typically arise during migration
  - ADO to ADO.NET migration solutions
  - SPEED Development framework
- Tools and techniques that expedite migration
  - Code generation tools to ease development of business entity classes as an alternative for ADO.NET
- Components from Infosys' SPEED framework provide the foundation to build configurable, transport-independent services



### Benefit of Infosys' Alliance with Microsoft

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

Commenting on the alliance, [Steve Ballmer, CEO, Microsoft Corp](#), 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

### Infrastructure Consulting

An ever-changing IT environment requires businesses to simplify the process for creating and managing IT infrastructure, while optimizing the cost of operation. Our services include environment design, capacity planning, consolidation, storage design, performance engineering and business continuity.

### Technology Consulting

We work with you to develop implementable architecture solutions that help you leverage technology to enable business strategy. Our solution helps you achieve a balance between IT Effectiveness and business innovation.

### Security Services

Integrity of information is vital for business. Data and information are key corporate assets. This service helps you to protect assets from theft and loss. It covers the security lifecycle from developing security strategy to managing security.

### Enterprise Identity Management

Enhancing business productivity, in the era of the internet and mobile devices, requires you to enable your workforce for business on the move. We help you implement secure, scalable and cost-effective mobile applications to enhance the accessibility of your enterprise applications.

**Infosys** | Building **Tomorrow's** Enterprise

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### About Infosys

Many of the world's most successful organizations rely on Infosys to deliver measurable business value. Infosys provides business consulting, technology, engineering and outsourcing services to help clients in over 30 countries build tomorrow's enterprise.

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