



## Evolve the Core with Syntel's Application Modernization Services

Most organizations have large, complex IT landscapes that are the result of decades of investments. Designed to supporting an enterprise's unique business processes, they contain invaluable and irreplaceable institutional knowledge and historical data. However, as they age, legacy systems become slow, inflexible, expensive to operate, and finding the talent to maintain them becomes more difficult.

To stay competitive, organizations must transform their legacy operational processes and their underlying IT systems into digital applications – an initiative that is sometimes viewed as a risky proposition.

### Syntel's Solution

There is no "one size fits all" approach to modernization, which is why Syntel offers three distinct approaches to application modernization. Based on your unique business needs, Syntel works collaboratively to implement one of the following application modernization strategies:

#### Business Re-architecture

- A top-down, outside-in approach that utilizes business architecture to focus first on creating business value, and then to deliver an IT solution that corresponds

#### IT Re-architecting

- A bottom up, inside-out approach which leverages legacy assets to implement both equivalent and enhanced functionality, using advanced technologies to accelerate changes

#### Automated Migration

- A rapid and low-cost IT solution that delivers a fully object oriented replacement system in a modern Java or .NET technology stack

All of these approaches are backed up by Syntel's patented tools and methodologies to deliver a risk-free modernization initiative, provide fast return on investment, and ensure minimal complexity in your new systems.

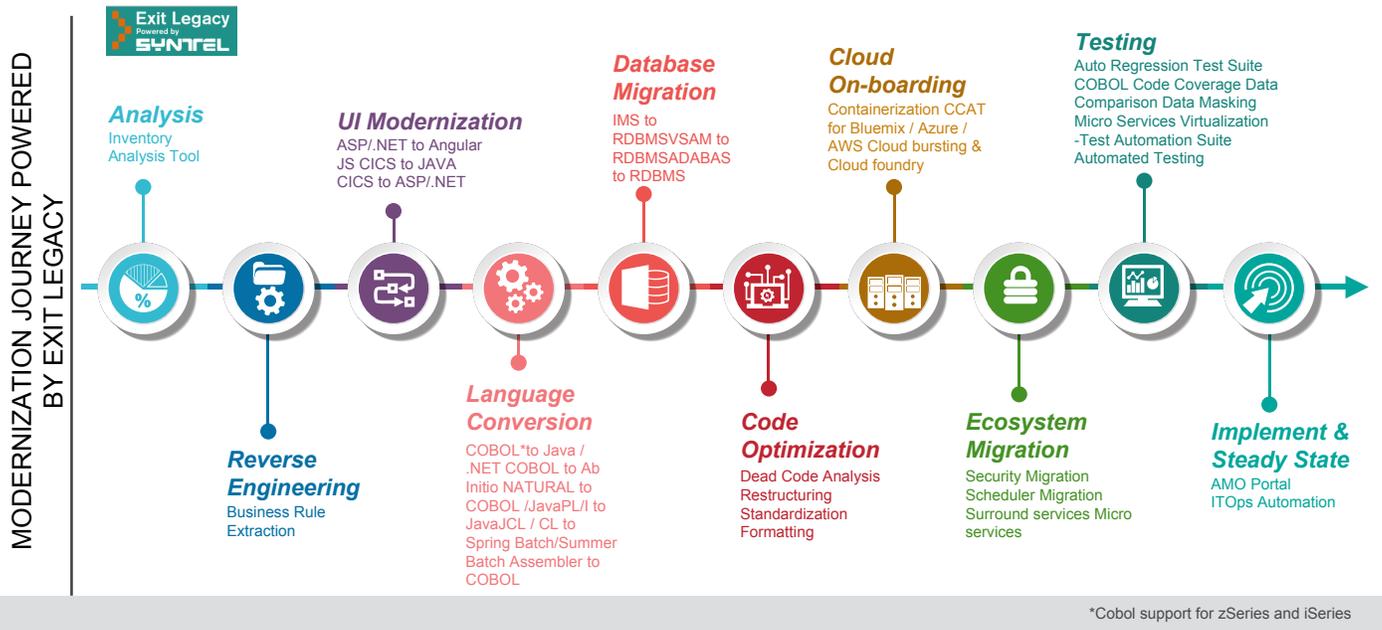
#### Tools and Accelerators:

Syntel's Exit Legacy portal hosts powerful tools and solution accelerators to modernize both your legacy infrastructure and software — ensuring that the entire ecosystem is modernized, not just application components or data.

Exit Legacy tools and accelerators enable us to rapidly and precisely deliver new systems with a loosely coupled, flexible architecture, and build strength and agility into your IT portfolio in order to scale with changing business needs. With Syntel's Exit Legacy, your transformation becomes faster, risk-free, and adds real value to your business.

#### SYNTEL DIFFERENTIATORS

- 70% reduction in operational costs
- 50% savings in migration costs
- ~70% automation in database conversion
- 50% reduction in effort
- Higher efficiency and seamless data exchange across business
- 50% faster modernization
- Enhanced availability, stability, scalability and user experience



## BUSINESS BENEFITS

- 100% business rule extraction using patented processes and tools
- Migration lifecycle-based “Exit Legacy” portal
- Built-in code quality checks to ensure robust new applications with improved code quality
- Exit Legacy accelerators — analyzers to re-architect, data/database migration, ecosystem migration, code optimization, and cloud onboarding
- Integration with social media, mobility, data analytics and cloud platforms
- Enables quick cloud adoption to benefit from advanced PaaS platforms like Cloud Foundry
- Wizard-based automated re-architecture.
- Enable Enterprise Capability as a Service model
- Enable omnichannel business models
- Microservices wizard to exploit already created microservices

## Delivering Excellence

### Transforming Legacy IT and Delivering a \$200 Million Impact through Modernization

A leading global logistics company wanted to modernize their legacy mainframe infrastructure to reduce costs, implement new functionality, and increase efficiency. They turned to Syntel to help them execute the project, including the following major efforts:

- Consolidate multiple Accounts Receivable (AR) systems across their divisions to a single AR platform
- Create a repository to act as a single source of billing data
- Eliminate/decommission duplicate systems
- Implement new functionality such as balance forward invoicing and late fee assessment

### Syntel's Solution

- Create a transformation roadmap for application modernization and data migration
- Increase automation coverage in their central testing environment
- Decommission redundant applications
- Create a governance model for their multi-vendor efforts
- Consolidate six different invoice data stores and re-architect COBOL/IMS applications to Java/Oracle, with batch to real-time processing re-architecture

### Business Results

- Migrated and cleansed data on **250 Million customers and 1.5+ Billion invoices** from mainframe
- Dramatically reduced mainframe MIPS, resulting in a **\$28 Million TCO reduction** over five years
- New Balance Forward Late Fees (BFLF) functionality is projected to generate **\$172 Million** in new revenue over the next five years
- The new consolidated data model **supports invoicing in 185 countries**, to ensure future scalability