Application modernization services

Create business value, improve efficiency, and unlock the enterprise knowledge trapped in legacy systems.

Atos | Syntel

Application modernization is critical to any successful digital transformation. Gartner predicts that by the end of 2020, every dollar enterprises invest in digital business innovation will require at least three times that amount to modernize their legacy application portfolios.

IT leaders must carefully select the right partner and approach to support their overall vision.

Atos Syntel solution

Our modernization services help reduce technical debt and complexity, fast tracking your digitization initiatives and improving time to market. Our services include:

Business Re-architecture

- Business architecture driven approach
- Semantic business rule extraction
- Reverse engineering
- Portfolio consolidation and retirement
- Microservices and cloud native implementations
- Accelerated build and replace solutions

Semi-Automated Application Re-architecture

- Technical architecture driven approach
- Decompose legacy and recompose to target state
- Cloud-ready microservices architecture
- Modern user interface design studio

Automated Migration

- Automated conversion to object oriented Java or C#
- Code optimization and standardization
- Automated data and ecosystem migration
- Deployment to cloud and containers
- Legacy lift and shift

Additional Services

Consulting, reverse engineering and business rules extraction, application lift and shift, performance management, enterprise application integration, legacy to package software migration, data modernization, API-fication, SOA enablement, application decommissioning.

Our differentiators

Digital-ready IT

- Digital integration with SMAC stack
- Scalable solutions, with ready-to-use blueprints & libraries for cloud and microservices
- Improved agility, with automated DevOps and IT operations

De-risked modernization

- Zero loss of functionality with 100% BRE
- No disruption to interfaces using surround services
- Incremental phased approach

2X Faster modernization

- 70% automated migration with patented Exit Legacy Platform
- Incremental modernization – reap benefits immediately
- Lowered total cost of ownership with 100% reduction in technical debt

Exit Legacy: Atos Syntel's modernization platform

Our modernization solutions are powered by Exit Legacy — a patented end-to-end platform aligned with the entire modernization lifecycle. Exit Legacy puts more than 40 powerful modernization tools at your disposal to enable a fast, risk-free modernization. They include:

- **Analysis workbench**
  - > Inventory validator, analyzer
  - > Auto documentation

- **Reverse engineering**
  - > Business rules extractor
  - > Impact analyzer, flow charts

- **Database migration**

- **UI modernization**

- **Re-architecture**
  - > Automated migration to modern technologies like Java, Spring and C# .Net

- **Code optimization**
  - > Dead code analysis
  - > Re-factoring and re-structuring

- **Cloud on-boarding**
  - > Containerization
  - > Automated cloud remediation
  - > Cloud lifecycle migration

- **Data modernization toolkit**
  - > Data validation, analysis & migration
  - > Sensitive data management

- **Enterprise collaboration**
  - > Lotus Notes to SharePoint migration and upgrade tools

Atos Syntel in action

Instant credit provisioning for a credit card provider

Atos Syntel migrated a global card services provider from legacy to Pivotal Cloud Foundry and a microservices architecture. The resulting system enabled instant provisioning of credit to their customers, enabling them to bring new products and features to market faster and with 40% less effort.

Doubling claims processing capacity for a healthcare payer

Atos Syntel enabled real-time enterprise pricing by modernizing a legacy pricing system. The new system employs microservices to deliver parallel claims processing capabilities, doubling their processing capacity and reducing cost of ownership.

Modernizing a legacy insurance policy system

Atos Syntel modernized a leading insurer's legacy policy system with a fully digital, object oriented application. The new application automatically compares policy packages and supports electronic policy delivery for agents, leading to faster, more efficient customer service.

About Atos Syntel

Atos Syntel is a leading global provider of integrated IT and knowledge process services. As a trusted partner to many of the world's biggest brands, we help accelerate their digital journeys, increase enterprise agility and business performance, evolve their platforms to "Digital native" standards, and deliver the scale and flexibility required in today's dynamic business environment.

Atos Syntel is a member of the Atos Group, a global leader in digital transformation with 110,000 employees in 73 countries and annual revenue of over € 11 billion. The Group operates under the brands Atos, Atos Syntel and Unify, and is listed on the CAC40 Paris stock index.

Atos Syntel unites Atos's scale, market presence and capabilities in Orchestrated Hybrid Cloud, Big Data, Business Applications and Digital Workplace solutions with Syntel's industry focus, global delivery model, and core and digital services powered by intelligent automation.

To learn more, visit us at: **www.atos-syntel.net**

Let's start a discussion together