AppMod Toolkit

At Atos, we specialize in delivering cutting-edge Cloud Data and AI Solutions that drive innovation and fuel growth. Leveraging cloud-based technologies and strategic partnerships with industry leaders like Microsoft, we empower organizations to harness the full potential of their data landscape.

What We Offer

Common challenges in migrating and modernizing applications and databases to the cloud include managing legacy complexities, embracing cloud-native services, and minimizing transition risks.

The AppMod Toolkit utilizes advanced technologies, including **Generative AI, Large Language Models**, and embeddings, to modernize legacy monolithic applications into cloud-native stacks. It offers secure, compliant, and customizable solutions tailored to business needs, empowering developers with tools to efficiently analyze, refactor, and upgrade codebases.

The toolkit accelerates the transformation process by minimizing reliance on SMEs and manual effort. It ensures that applications are future-ready with enhanced scalability, maintainability, and performance. Consulting and professional services offer expert guidance and support to ensure a seamless transition.

Atos

AppMod Toolkit

AppMod Toolkit is a GenAI-powered solution designed to revolutionize the analysis and modernization of legacy applications and databases. Our approach makes it effortless to develop new greenfield applications or revamp existing, legacy brownfield systems.

AppMod Toolkit harnesses the power of GenAI, LLM, and embeddings to equip developers with cutting-edge tools for analyzing, refactoring, and upgrading codebases. Our professional services ensure that each solution is secure, compliant, and tailored to meet your unique business needs.

1. . Understand the current state of legacy applications, set modernization goals, and analyze the codebase to identify areas for improvement

   - **Pryzm:** Our advanced engine is designed to assess legacy application code, providing deep insights crucial for modernization efforts and comprehensive code analysis.

2. Refactor and upgrade the codebase to achieve modernization goals.

   - **CodeTx:** Assists in the next step of application modernization or upgrade upon completion of the detailed code assessment performed by Pryzm.

3. Assess and migrate database schemas to cloud databases, eliminating vendor lock-in.

   - **DataVoyager:** A powerful catalyst for database schema assessment and migration.

4. Validate the refactored and upgraded codebase.

   - A chat interface for querying the application codebase and database schema.

AtoS

AppMod Toolkit

Customer Outcomes

30 - 70%
Productivity Gain

20 - 50%
Reduction in Cost

40 - 70%
Faster Time to Market

Minimal SME involvement

Customer Success

- **Company:** European Automotive Financing Company
- **Solution:** Using AppMod Toolkit Prizm, feature analysis of the current applications and database metadata was conducted to gain insights, resulting in a proposed architecture for the target cloud environment by mapping on-premises components to suitable cloud services. Future cost estimates and a scaled delivery model were proposed.
- **Outcome:** Automating the code analysis process using the AppMod Toolkit significantly reduced the assessment effort by 40%.

- **Company:** Financial Service Client
- **Solution:** The AppMod Toolkit "Data Voyager" DB Modernization Toolkit provided a deep dive into the database architecture, analyzing the database schema, dependencies, and potential risks to identify optimization opportunities and create a tailored migration strategy.
- **Outcome:** Reduced schema migration effort by 65%. Accelerated schema analysis
  - **70+** PLSQL to Java conversion
  - **150+** DB objects
  - **60+** reduction in upgradation effort

- **Company:** Postal Services Company
- **Solution:** Utilizing the AppMod Toolkit Prizm feature of Atos to determine the optimal migration strategy from AWS to Azure Cloud.
- Identified project dependencies for migration and relevant Azure cloud services through its QnA section
- **Outcome:** Assessment of 65 applications
- Scaled delivery model aimed to reduce assessment effort and costs by approximately 30%

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