

APIS IT and Bob

Tackling Architectural Complexity and Legacy Constraints

APIS IT faced the challenge of modernizing critical legacy applications supporting national systems, where traditional approaches required significant time and effort and introduced risk in complex refactoring processes. Manual transformation workflows slowed progress and limited scalability across modernization initiatives.

Using IBM Bob, the team automated code analysis, refactoring, and transformation into modern architectures, significantly reducing manual effort. By enabling rapid, iterative modernization and improving developer efficiency, Bob helped accelerate transformation timelines while ensuring code quality and reliability across systems.

Outcomes

- **100%** operator verified accuracy in Croatian language documentation for decades old
- **10x** faster documentation and multi format architecture analysis for a 20 year old EGL/CICS system
- **In weeks to hours** code refactored SOAP service transformed into a modern .NET 8 REST API with zero compilation issues

Solution components

IBM Bob

[Read the full story →](#)

APIS IT



“Bob migrated our multiple, complex .NET Core 3.1 services to simple and clean .NET 8 services in about four to five hours. Without Bob, this would probably take a couple of weeks. The result included 30% fewer files and code dependencies, so 50% simpler layers. ”

Veran Pokornić
Solution Architect
APIS IT