VICERT

ATG Retirement

Enterprise wide migration from a proprietary framework to an open-source platform

Extreme cost reduction by eliminating licensing costs of the proprietary platform.

Oracle, Spring, Hibernate

$2 million

18 months

Challenge

Our client made a strategic decision to move the code base of its web portals away from the proprietary ATG framework and to other solutions. After careful deliberation, the selected target architecture was one using the open-source solution based on Spring and Hibernate/JPA.

Two years long transition brought many challenges. Not only those originating from the sheer size of the effort and time constraints imposed by discontinuation of support for the technology components, but also those challenges related to synchronizing all project activities with regular maintenance and other projects ongoing in parallel.

Solution

In the beginning, we conducted a detailed analysis of the existing code and clearly defined the development approach and objectives. We mitigated risks early on by identifying possible problems and designing solution patterns so that development was executed smoothly later on.

The project was divided into two phases:

Project Phase 1 - Upgrades and re-write of Data Layer

Project Phase 2 - Replacement of remaining ATG elements and code cleanup

Benefits

Elimination of $100K in annual licensing costs for the proprietary ATG platform after the web portals were migrated to an open source solution.

All of the key tech components were upgraded with the biggest impact having a switch to IBM WebSphere 7, which is saving $50K/year in legacy support costs and using IBM HTTP Server instead of SunOne.

The new platform lay the foundation for delivering new capabilities that were in line with the client's enterprise strategy.

The refactored code is more readable and maintainable.

Mingle is used as a single source of truth for all requirements, improving the efficiency of the whole SDLC.