

Legacy Modernization Case Study

PHARMACEUTICAL COMPANY

Summary

MTS ported a drug sales and logistic management system from PowerBuilder to Java Enterprise Edition environment.

During the project MTS provided migration tools and designed the target architecture. MTS also performed after-migration code optimization for higher performance.

Benefits

- Add more agents to the system from various subsidiaries and different countries
- Cut of maintenance expense
- Short time to market of new features
- Ease of application maintenance

The Challenge

The system was built by few developers which no longer work for the client company. The client did not know how to maintain the existing system. There was a demand to add more and more users to the system from other branches.

The Solution

MTS was responsible for the entire project. MTS analyzed the source code and cleaned the redundant code using its PB analyzer tool. MTS performed the automatic conversion and all the required adjustments, mentored new client's developers and incorporated them into the project. At the end of the project they became the new maintenance team for the system. The new environment was a pure thin client solution; the GUI was very similar to the original and the system adoption by the users was easy and smooth.

The Figures

- more than 50 effort-years of investment in the source system
- more than 950 Window objects
- more than 5300 DataWindow objects
- more than 200 UserObjects
- more than 13600 business methods

The total duration of the project was 8.5 months.