Major Retail Pharmacy Leverages Application Analyser to Conduct Comprehensive Analysis of Application Portfolio

A major retail pharmacy identified the pressing need to document its application portfolio to provide on-shore and off-shore staff with an effective tool for the analysis of application source code across a variety of technologies.

The challenge

A major retail pharmacy required a comprehensive systems documentation, analysis and search tool because of the increasing difficulty of working with their legacy technology.

The Solution

The pharmacy's applications were developed in a mix of technologies. Windows client applications used Oracle Tuxedo to execute services written in C accessing Oracle as its database in all, over ninemillion lines of code. Our Application Analyser was calibrated to handle all of the source and schema components making up the entire application. This allowed their developers and analysts to gain a clear understanding of how Tuxedo services were being used within the applications, a requirement that was very difficult to fulfil prior to the Application Analyser install. It also identified a large amount of duplicate code present within the applications.

Following the installation, over 70 developers and analysts were trained over a two-day period on how to use the Application Analyser's Analyst Workbench for effective search and analysis, as well as how to use the Admin Workbench to refresh their repository content. This also included the installation of a multi-repository instance of our Application Analyser which allows for parallel repositories for development, QA and production versions of the application source code.

In a subsequent phase, Java and web services applications were added to the Application Analyser repository. These web services connect to Tuxedo services that were included in Phase 1. Future phases are currently being planned.

In a matter of days, our Application Analyser was able to provide online documentation and a level of insight with the detail of the pharmacy's application portfolio revealing information they had never been able to see before.

More information

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CASE STUDY