

# Wells Fargo Performs Faster, Safer Modernization across 1000s of Applications with Software Intelligence from CAST

## CASE STUDY

### Client Profile

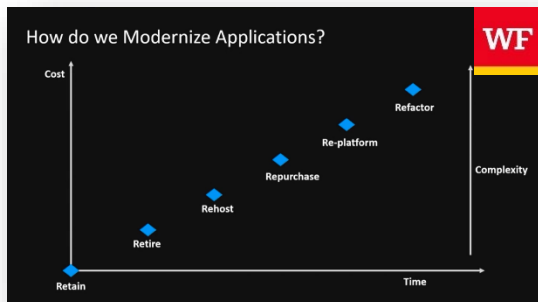
Wells Fargo is a US-based global financial institution with offices in over 35 countries, over 260,000 employees, and almost \$2 trillion in assets.

### Business Challenge

Wells Fargo’s Head of Modernization & Cloud Adoption embarked on a massive application modernization initiative targeting their diverse portfolio of 4,500+ applications comprised of hundreds of millions of lines of code. Some legacy applications in the portfolio had not been changed in 10 years or more. With such an enormous and complex codebase, it was extremely challenging for the modernization team to assess each application’s condition, understand readiness for cloud migration, and identify the best course of action for each system with confidence. They needed a scalable and objective way to segment and prioritize each application into different categories such as Retain, Retire, Rehost, Repurchase, Replatform, or Refactor without relying solely on opinions and subjective information from application owners.

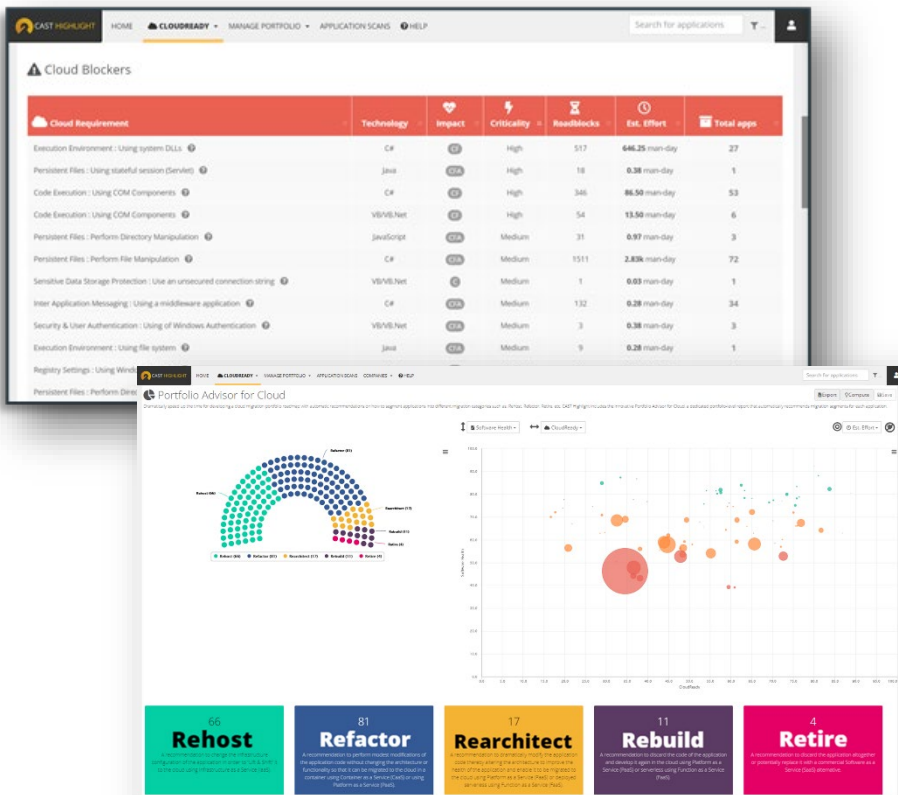
### The Solution

Wells Fargo selected CAST Highlight to speed up the assessment process, ensure accuracy, and build a roadmap for each application based on the actual technical characteristics of the software. CAST Highlight automatically analyzed the source code of each application for cloud readiness, technical debt, and open source risks. Moreover, Wells Fargo was able to blend the objective intelligence produced by CAST with qualitative data by using the custom survey capability of CAST Highlight and easily tailor it to their assessment methodology. For applications that were going to migrate to the Cloud, they were also able to use CAST Highlight to automatically identify the specific Blockers in the code that needed to be removed before migration.



## The Outcome: Intelligent Modernization with Confidence

Wells Fargo analyzed the **entire portfolio of 4,500+ applications automatically** by integrating CAST Highlight with their source code repositories across the enterprise. Application owners also completed a survey on each application to capture more qualitative information such as the business impact of the systems enabling Wells Fargo to utilize the built-in Portfolio Advisor for Cloud that automatically segments each application into categories such as Rehost, Retire, Refactor, etc. The list of Cloud migration Blockers automatically identified by CAST Highlight within each application's codebase was integrated into Wells Fargo's internal development tools using the CAST Highlight API. This enabled development teams to get automated insight into the refactoring work that was required for each application and monitor progress of their modernization efforts. Wells Fargo was able to proceed with their Intelligent Modernization initiative with more confidence due to fact-based insights delivered by CAST Highlight. It is also estimated that the automation provided by CAST **enabled Wells Fargo to assess their enormous codebase in weeks versus the months or years** it would have taken manually.



CAST Highlight outputs include a detailed list of cloud migration Blockers organized by technology, impact, criticality, location, and the estimated effort to remediate. This automated and objective assessment approach enabled Wells Fargo to make modernization decisions with confidence.

*"We would have been flying blind without CAST software intelligence."*

– Subhadaa Reddimasi,  
Head of Modernization & Cloud,  
Wells Fargo

## About CAST

CAST is the software intelligence category leader. CAST technology can see inside custom applications with MRI-like precision, automatically generating intelligence about their inner workings - composition, architecture, transaction flows, cloud readiness, structural flaws, legal and security risks. It's becoming essential for faster modernization for cloud, raising the speed and efficiency of Software Engineering, better open source risk control, and accurate technical due diligence. CAST operates globally with offices in North America, Europe, India, China. Visit [www.castsoftware.com](http://www.castsoftware.com).