

Global SI Accelerates Cloud Migration to AWS for State Healthcare Solutions using CAST Highlight

CASE STUDY

Partner / Client Profile

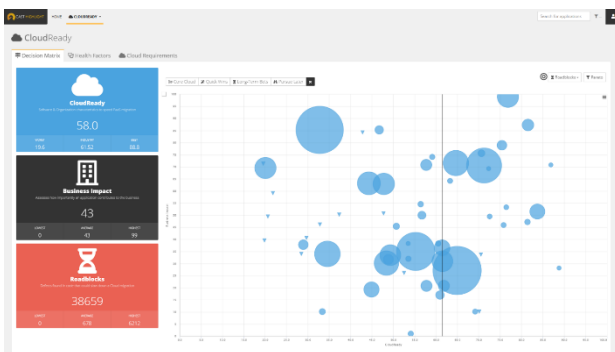
This Partner is a global IT services company that leads digital transformations for over 6,000 private and public sector clients in 70 countries. They are working with 30 US State governments to modernize healthcare solutions and migrate workloads to AWS.

Business Challenge

The Partner has 30 state government clients utilizing multiple healthcare solutions. There is a mandate to move these workloads to the cloud while developing the next generation solution. The full application portfolio is made up of over 500 applications containing a diverse technology stack including Java, Cobol, C/C++, VB, and C#. AWS was chosen as the target cloud platform and the Partner needed an efficient way to objectively assess each application's migration readiness to build the migration roadmap and accelerate the overall process.

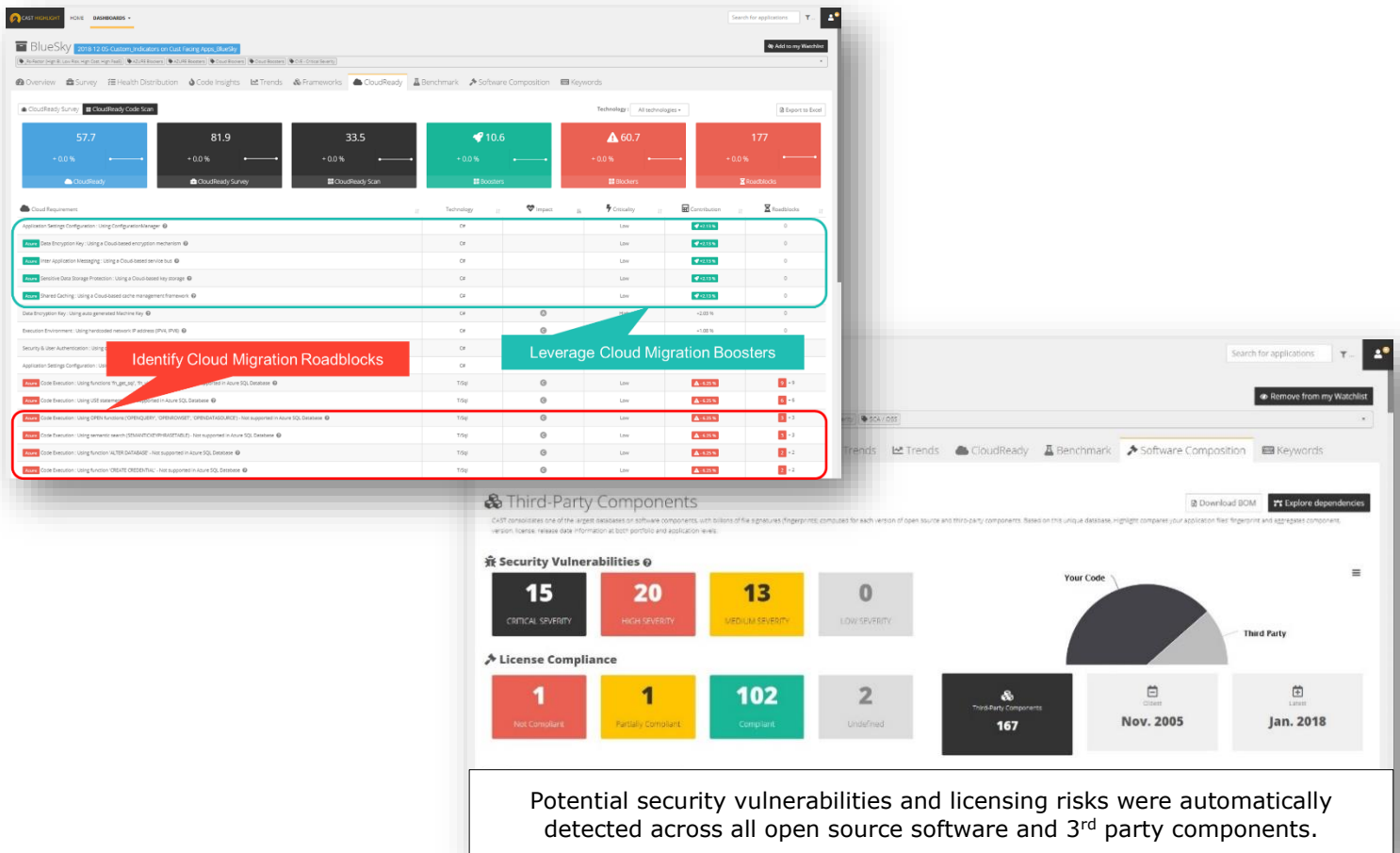
The Solution

The Partner utilized CAST Highlight to rapidly assess the first 10 applications identified as potential migration candidates. They needed to quickly understand each application's readiness to adopt IaaS initially and then be refactored to adopt PaaS on AWS. Additionally, the Partner leveraged the built in Software Composition Analysis capabilities of CAST Highlight to identify all the third-party components in use across the portfolio and uncover potential open source risks that would impede the migration.



The Outcome: Accelerated Cloud Migration to AWS

The rapid nature of the Application Portfolio Analysis powered by CAST Highlight enabled the Partner to save significant time in its assessment timeline taking a process that typically took weeks down to a few days. Additionally, the Partner was able to present their clients with a clear roadmap to the cloud based on objective data which included: a prioritized inventory of applications to migrate, specific roadblocks that needed to be remediated before migration, and identification of all risky open source components that needed to be updated to avoid security vulnerabilities. Ultimately, this enabled the Partner to more rapidly Lift and Shift the initial 10 applications to IaaS with a clear plan for PaaS adoption further in the future. The rest of the application portfolio is now being assessed for migration to AWS using a similar process.



Potential security vulnerabilities and licensing risks were automatically detected across all open source software and 3rd party components.

About CAST

CAST is the market leader in Software Intelligence, with unique technology backed by \$150 million in software analysis and measurement R&D. CAST technology helps digital leaders and doers see the truth, become software geniuses and deliver super software - resilient, responsive, safe and secure software. Hundreds of companies rely on CAST to improve end-user satisfaction and time-to-market, prevent business disruption and reduce cost. Founded in 1990, CAST operates globally with offices in North America, Europe, India and China. For more information, visit www.castsoftware.com.