

## CUSTOMER SUCCESS STORY

# Global Health Service Company



### OVERVIEW

A Global Health Service Company (GHSC) is managing an enterprise-wide DevOps initiative that includes mainframe applications teams.

### BUSINESS CHALLENGE

The GHSC wanted an integrated IDE for mainframe developers that included program analysis and an intelligent editor that could provide immediate feedback on code changes as developers edit the code. The GHSC is a licensed user of SonarSource products for distributed source code syntax checking. Their management desired similar capabilities for their mainframe DevOps efforts.

Quick and immediate feedback on code errors would reduce rework, reduce the number of cc and improve the quality of COBOL programs released to production. They also wanted their mainframe developers to use similar capabilities and tooling as their distributed systems counterparts.

### SOLUTIONS

The mission-critical claims processing application is large, comprising COBOL, Batch, IMS/DB/DC and DB2. During a Topaz POC in early 2017, Compuware demonstrated to the GHSC's team how the SonarLint COBOL plugin integrated into Topaz for Program Analysis and SlickEdit through Topaz Workbench.

A DevOps specialist and a consultant at GHSC worked with Steve Kansa and Andy Jepeal to implement the SonarLint COBOL plugin into Topaz.

The Development Lead and consultant of the GHSC claims processing team validated the environment and assisted GHSC in adapting the SonarLint rules to meet GHSC's needs.

### RESULTS

SonarLint has become a critical component for the mainframe developers at the company and will be packaged and included in all future Topaz upgrades.

As mainframe developers make code changes with Topaz, they receive immediate feedback on any syntax errors they have made. They receive indications of possible changes they should make to the code to meet GHSC's coding standards defined with the SonarLint Cobol plug-in.

The SonarLint integration with Topaz allows for easy navigation from the error panel to the line of code and back, making it easy for developers to efficiently attack the problems found. The synchronization of the solutions enables quick code-syntax error resolution.

Developers do not have wait to save their code, submit a compile and review the results thanks to the immediate feedback they receive from SonarLint.



A lead programmer analyst from the GHSC said, "We really like the Program Analysis and SonarLint features in Topaz. These reduce our analysis time by 15 to 20% for making program changes over using just ISPF alone. We have seen a big reduction in the number of compiles required as we make changes."