CloudFrame
Modernize Without *the Risk*

*Relocate – **Renovate** – Accelerate*

April 2021

CloudFrame offers the most automated mainframe application modernization platform, generating Cloud Native Java that significantly accelerates Application Cloud adoption.

CloudFrame

Microsoft Partner
Microsoft

Gold Application Development
Gold Application Integration
Gold Application Lifecycle Management
Silver Data Analytics
Silver Data Platform

Modernizing Mainframe Applications is Difficult and Risky

Enterprises are looking to reduce their dependency on mainframes and COBOL. They cannot afford the luxury of thinking about, "should I modernize." They find themselves forced to consider, "*HOW* do I modernize." Doing nothing is not an option.

CHALLENGES

Inflexible COBOL to address Business Needs

Replacement Cost and Effort is Significant

Modernization Risk is Higher than Reward

Business Risk/Fear of Change
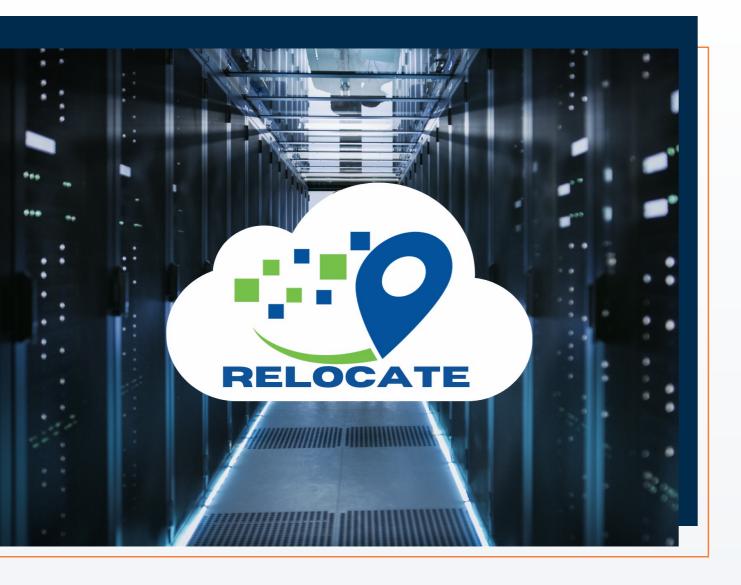
Decades of Built-in Complexity

IDEAL SOLUTION

What if…One solution could deliver your strategy faster and at a lower cost than any other.

*What if…***O**ne solution removed the complexity and significantly reduced the risk to change.

DESIRED OUTCOMES

CloudFrame delivers

- **12 Factor Cloud Native Java**
- **100% Functional and Data Precision**
- **Less Business and Project Risk**
- **ROI with Year One Payback**
- **4X Faster Migrations**

CloudFrame

Relocate

Automated Batch COBOL workload relocation to Cloud while maintaining backward compatibility to mainframe data, integration and operational continuity. Mainframe developers continue to maintain COBOL while CloudFrame neatly integrates with your change control process to generate Java to seamlessly run on the Cloud.

1 Shift COBOL Applications to Cloud Without the Risk

Enables seamless Hybrid Cloud deployments without the risk of changing data or application integration. Ensures 100% functional and data precision.

2 Reduce Mainframe MIPS Usage And Batch Windows

By shifting workloads off the mainframe to Cloud, freed capacity lowers MIPS utilization and can take pressure off tight mainframe Batch windows

3 Lower Application Mainframe Platform Costs

Shift COBOL workloads on Microsoft Azure and significantly reduce mainframe COBOL and DB2 processing costs. Potential for millions in savings.

CloudFrame

Renovate

Automated transformation from mainframe or non-mainframe COBOL to Cloud Native Java, refactored, optimized into the Spring Boot framework. Renovate solves Java code quality concerns with its automated intelligent scanning and refactoring process that consistently achieves "A" quality rating. Runs anywhere with 100% functional and data precision.

1

Modernize COBOL Applications To Innovate Your Business

Modernize COBOL to Java Spring Boot SonarQube "A" rated code adhering to 12 Factor Application Principles. Includes JCL to Spring Batch Java and Java Sort

2

Higher Project Success Rates by Reducing Complexity and Risk

CloudFrame's automated code conversion, test case generation, and backward compatibility to data and integration, simplifies project outcomes

3

4X Faster Path to Cloud and Cloud Native Services

Mainframe COBOL applications can be moved to Cloud up to 4X faster to accelerate adoption of Azure Cloud Native services

Customer success: <redacted> saves millions with CloudFrame Relocate and Cloud

This Mainframe COBOL Billing application consuming 2000 MIPs was the perfect candidate for CloudFrame Relocate. Relocate was used to shift non-production Batch COBOL workloads from the expensive mainframe general-purpose processor to a Hybrid Cloud deployment.
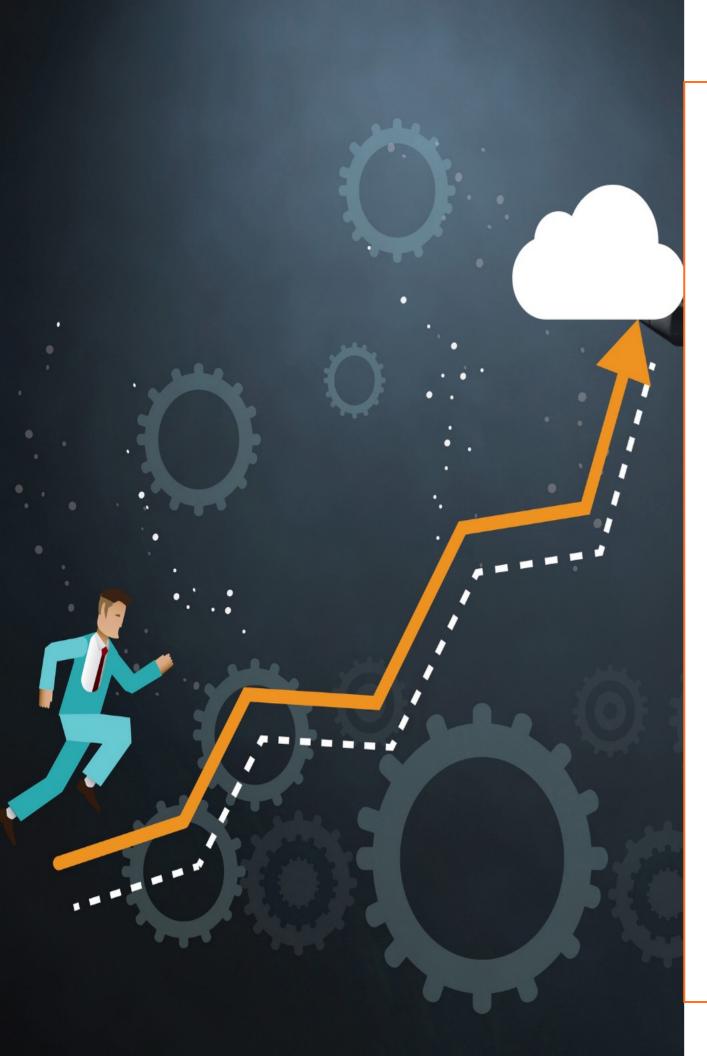
$4 Million in Annual Cost Savings
- $4M in annual recurring savings by shifting ($2M) non-production processing to Cloud and, ($2M) production processing to lower cost mainframe zIIP processor.

Hybrid Cloud Accelerated Cost Savings
- Within 3 months non-production workloads shifted to Cloud delivering a project payback in year 1. Early win helped build support for expanded use of CloudFrame Relocate. In Production since 2018.

Customer Testimonial
"CloudFrame enabled us to overachieve our mainframe cost reduction targets." - Billing Application Manager

Customer success: CloudFrame Renovate removes obstacles, accelerating <redacted's> Cloud journey

GDPR and data sovereignty laws required this Mainframe COBOL Merchant Clearing application to have a *MicroFocus®* COBOL version for distribution to over 500 customers globally. Complexity, stability and TCO drove the business case to modernize. CloudFrame Renovate accelerated time to market 75%, fully automating refactoring from COBOL to Java Spring Boot services, with no manual coding changes, earning a SonarQube "A" rating. Generated Junit test cases yielded 80% coverage as required by DevOps change controls. Regression testing demonstrated 100% identical results.

Quick Transition of Application Maintenance to Java Development Team
- CloudFrame *Renovate* migrated 775 programs with 6.2 million lines of COBOL code to refactored and optimized Java in the Spring Boot. The Java team immediately picked up support for the Java and are planning Cloud Native Services

Fully Automated Conversion and Test Case Generation Passes DevOps Quality Gates
- With CloudFrame Renovate, the conversion was fully automated and the automated test cases generated allowed the application to achieve an "A" rating in our DevOps application quality.

Customer Testimonial
"Amazing tool to migrate COBOL to Java." - Senior Modernization Application Developer

Request a Demo of CloudFrame
Relocate and Renovate

Call for more information: 833-CFRAME-3

Ask a question via email: inquire@cloudframe.com

Learn more: www.cloudframe.com

Link to your Microsoft Commercial Marketplace offer

CloudFrame

Microsoft Partner

Gold Application Development
Gold Application Integration
Gold Application Lifecycle Management
Silver Data Analytics
Silver Data Platform

Microsoft