



MG Community Credit Cooperatives (KFCC) (2023) – Financial Sector

KFCC Information Protection Enhancement Project

Client Overview

MG Community Credit Cooperative (KFCC) is a cooperative financial institution dedicated to supporting the financial lives of local communities and grassroots citizens. Since its establishment in 1963, KFCC has contributed to revitalizing local economies by providing various financial services, including savings, loans, and insurance (mutual aid). 'MG' stands for 'Mutual Growth,' symbolizing the shared progress of the credit cooperative and its members. With approximately 1,300 branches nationwide, KFCC has established itself as a trusted financial partner for the public.

Deployed Products & Services

eyeCloudSIM v3.1 – LMS
(Integrated Log Management Solution)

Background

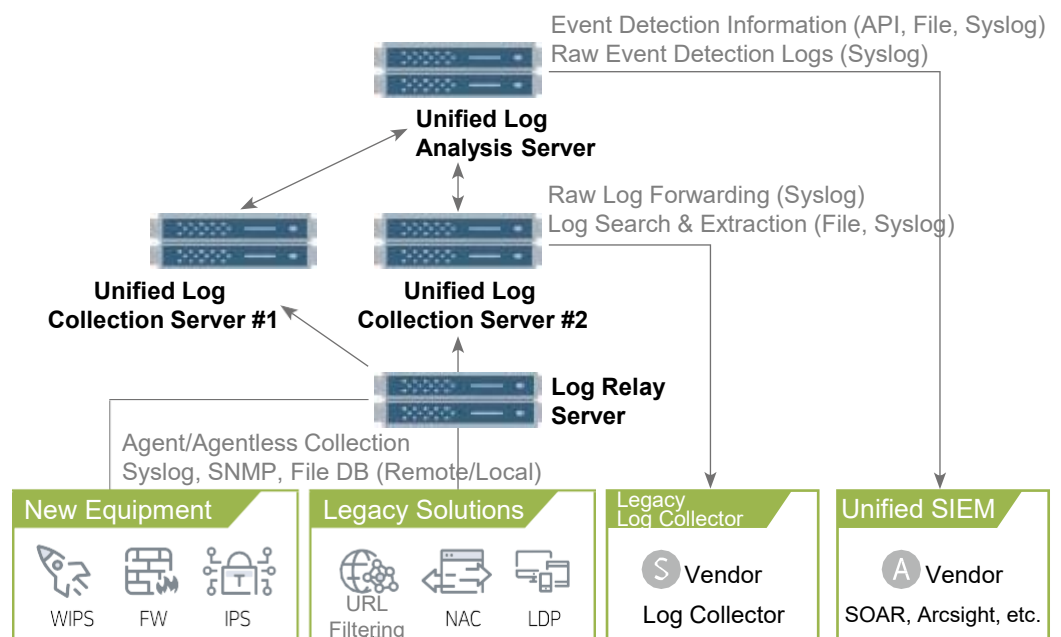
Operating a nationwide financial network, KFCC launched an information protection project to securely manage vast amounts of financial and customer data. Legacy log management faced limitations in rapidly analyzing and retaining massive security logs, requiring a more systematic approach to regulatory compliance. KFCC introduced eyeCloudSIM to centralize log collection and analysis while strengthening real-time search and anomaly detection capabilities.

To further enhance stability, sensitive log data was masked for privacy protection and a distributed processing architecture was applied for long-term retention and analysis. This enabled effective protection of the nationwide financial network, regulatory compliance, and a more efficient log management framework.

Project Period

May 2023 – Sep 2023

Concept map



Solution

Establishing a Unified Log Management Framework to Strengthen Financial Information Protection

KFCC established a unified log management system to meet growing financial security requirements and ensure the safety of financial information. Previous log management, fragmented across individual systems, faced limitations in long-term data management and analysis.

Through this deployment, KFCC utilized eyeCloudSIM to centralize security log management across its IT infrastructure and enhanced real-time search and analysis capabilities. By incorporating personal information protection and internal data leakage prevention functions required by the financial sector, the cooperative improved storage and search speeds while maintaining log data integrity.

A distributed processing architecture was applied to enhance log storage and analysis performance, ensuring stable management of large-scale data. Integration with legacy security systems expanded log collection scope, and optimization improved long-term storage and retrieval efficiency. These measures increased financial system stability and optimized the regulatory compliance framework.

A centralized batch management system was established for security logs generated across the KFCC central office and regional credit cooperatives, increasing security management efficiency and establishing a reporting framework for financial regulatory compliance.

Benefit

Strengthening Financial Security Operational Efficiency and Establishing a Sustainable Information Protection Framework

KFCC deployed an eyeCloudSIM-based unified log management system to counter security threats in the digital financial environment and ensure financial service stability. In the financial sector, systematic security operations are essential to protect vast amounts of data and maintain transaction transparency. Accordingly, KFCC established a unified log management framework connecting regional cooperatives and the central office to ensure consistency in security operations.

This deployment centralized security logs and improved detection and response speeds through strengthened real-time analytical capabilities. High-speed search and long-term retention functions established a framework for financial security regulatory compliance, while the log management environment was optimized for internal and external security audits. This enabled faster root cause analysis during security incidents, strengthening the foundation for financial service reliability.

Going beyond simple operational improvements, this project secured a security management framework capable of flexibly adapting to future changes in the financial landscape. Built on the unified log management system, KFCC acquired the capability to preemptively respond to increasingly stringent financial security regulations, maximizing operational efficiency and setting a new standard for financial sector security.



Summary

1. Improving financial security operational efficiency through a centralized unified log management framework
2. Securing financial security regulatory compliance through high-speed search and long-term retention capabilities
3. Establishing a sustainable security management framework to adapt to future changes in the financial environment