



IBK Pension Insurance

(2023) – Financial Sector

Unified Log Management System Reconstruction

Client Overview

IBK Pension Insurance is a specialized pension insurer established to support financially secure retirement in South Korea. Founded in 2010 as a wholly-owned subsidiary of IBK (Industrial Bank of Korea), the company provides personal and retirement pension services. It pursues long-term financial stability through customized pension products that meet its customers' diverse needs. Recently, the company has drawn industry attention by launching an 8% guaranteed pension product and continues to achieve steady growth, having reached 10 trillion KRW in total assets.

Deployed Products & Services

eyeCloudSIM v3.1 – LMS

(Integrated Log Management Solution)

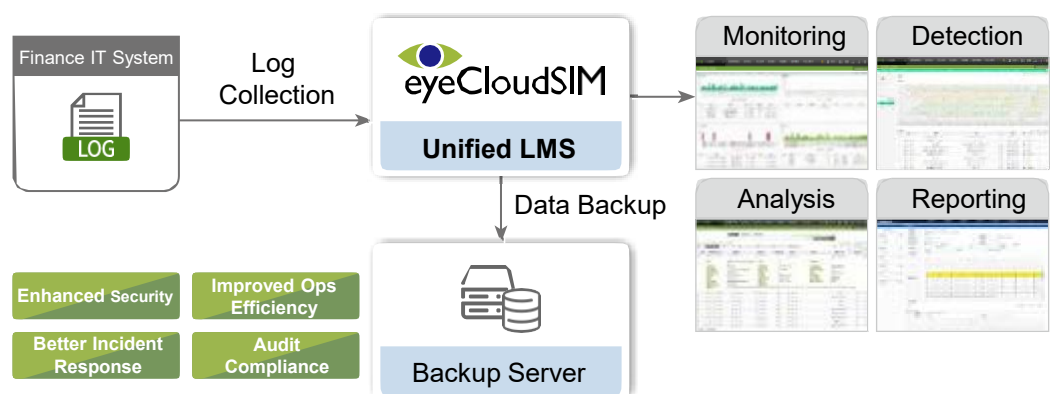
Background

As a financial institution managing insurance and pension products, IBK Pension Insurance reconstructed its unified log management system to strengthen information protection, ensure regulatory compliance, and improve real-time log analysis and response. Aging infrastructure had increased operational resource burdens, while the lack of high-speed search and data normalization capabilities delayed security threat analysis and responses to electronic intrusion incidents. Accordingly, IBK Pension Insurance introduced an LMS to upgrade its log collection and storage infrastructure and established a framework for financial security compliance by enhancing high-speed search and real-time analysis capabilities. Furthermore, the company improved its operational environment to comply with security requirements under the Electronic Financial Supervision Regulation and enable rapid detection and response to electronic intrusions. This initiative ensured long-term log data retention, rapid searches, and a framework meeting security and compliance requirements.

Project Period

Mar 2023 – Jun 2023

Concept map



Solution

Establishing a Unified Log Management Framework to Strengthen Financial Security

IBK Pension Insurance reconstructed its unified log management system to meet financial sector cybersecurity requirements and efficiently manage large-scale security logs, focusing on redefining the core foundations of financial security and building a future-oriented security operations environment.

Previously, difficulties in long-term log data retention imposed constraints on security audits and incident analysis. To resolve this, high-performance log storage was introduced for stable, large-volume log retention, with real-time compression maximizing storage efficiency and an anti-forgery system guaranteeing log integrity.

A unified management framework optimized for IBK Pension Insurance's financial IT environment was established for centralized correlation management of logs across various security devices and applications. Audit log management for regulatory compliance was also strengthened, and an automated reporting system was implemented to systematize security audit and incident response processes.

Through this deployment, IBK Pension Insurance secured a more robust security operations environment by enabling real-time analysis of large-scale financial security logs and acquiring detection and response systems specialized for the financial IT landscape.

Benefit

Establishing Systematic Log Management to Protect Financial Services and Enhance Operational Efficiency

IBK Pension Insurance reconstructed its unified log management system to counter increasing cyber threats and tightening security regulations in the financial IT landscape. Previous log management, fragmented across individual systems, hindered correlation analysis and slowed incident response. Through this project, the company unified its log collection and management framework to improve reliability of security event analysis and response while strengthening audit log management for financial regulatory compliance.

This enabled faster root cause analysis and response during incidents, establishing a foundation for greater financial service stability. Systematic integration of security log data improved operational efficiency, while centralized monitoring reduced the workload of security personnel and enabled real-time tracking of security events.

Through this reconstruction, IBK Pension Insurance strengthened its security framework for stable financial service delivery and established a more reliable security operations environment through systematic log management and analysis.



Summary

1. Improving security event analysis and response capabilities through unified log management
2. Establishing audit log management and rapid incident response frameworks for financial regulatory compliance
3. Enhancing operational efficiency and service stability via centralized monitoring