



The Company

Incheon International Airport is the largest airport in South Korea. It is the primary airport serving the Seoul Capital Area and one of the largest and busiest airports in the world. As of 2021, the airport has been rated by Skytrax as the fourth best airport in the world.

Incheon International Airport deployed SecureKi's solution to secure and eliminate hard-coded in-house application passwords.

“This is one of our most significant achievements! Through SecureKi, we have built a more stable management system for hard-coded password changes, which has allowed us to shorten work hours, prevent human errors due to manual work, and consistently improve our work efficiency.

Yang Myeong-Seok

Incheon International Airport Operational Information Team Manager

The Challenges

Today's organizations depend on many business applications, web services, and custom software solutions to fulfill business communications and other transaction requirements. Usually various applications frequently require access to databases and other applications to query business-related information. This communication process is usually automated by embedding the application credentials in clear text within configuration files and scripts. Administrators usually find identifying, changing, and managing these passwords challenging. As a result, the credentials are left unchanged, leading to unauthorized access to sensitive systems. Thus, hard-coding credentials may make an administrator's job more accessible, but it is also an easy launch point for hackers.

Incheon Airport's challenges include:

- 1 The difficulty and inconvenience for its team to manage the various in-house applications and its credentials manually.
- 2 Methods of managing applications in countless internal and external services are also inconsistent according to different operating environments, making hard-coded password management more difficult.
- 3 Require a central secured system that automatically changes & manages its hard-coded passwords for its essential services related to Incheon Airport's integrated information system & information connection system.

Why Incheon Airport chose SecureKi

- 1** SecureKi solution reduces 80% of work time by eliminating labor-intensive work with its supported automated change of hard-coded passwords & automated restarts of services such as WAS, EAI, and ESB, which are related applications to support complete automation of hard-coded password change tasks.
- 2** With SecureKi, privileges are restricted to the minimal range of processes needed to perform an authorized activity. This reduces the chance of incompatibility issues between applications or systems and helps reduce the risk of downtime.
- 3** Various government and industry regulations mandate that sensitive information should not be hard-coded. Eliminating hard-coded passwords and subjecting application credentials to periodic password resets helps organizations satisfy internal audit and compliance requirements.

SecureKi PAM offers the following benefits



Mitigate and reduce data security risks

Protect passwords and other credentials from unauthorized use and compromise. Limit users' actions on systems, prevent the execution of unauthorized commands and prevent lateral movement within the network.



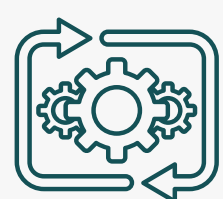
Increase accountability

Observe full attribution of user activity, even when using shared accounts. Comprehensive logging, session recording, and user warnings capture activity and provide a deterrent to unauthorized behavior.



Improve auditing and facilitate compliance

Simplify compliance by providing support for emerging authentication and access control requirements.



Reduce operations complexity with automation

Privileged single sign-on with MFA limits the risk of password-gathering malware attacks and optimizes the productivity of administrators with quick and secured access to their remote systems.

