

# Hansol Paper Enhances Internal Security with Robust Identity Management System



Hansol Paper  
Seoul, Korea  
www.hansolpaper.co.kr

**Industry:**  
Industrial Manufacturing

**Annual Revenue:**  
US\$1.2 billion

**Employees:**  
960

## Oracle Products & Services:

Oracle Identity Management  
Oracle Enterprise Single Sign-On Suite

## Key Benefits:

- Enhanced internal security by implementing an automated ID management solution
- Enabled one person to manage system authorization for 960 staff
- Improved system security by ensuring passwords were changed within a set timeframe
- Streamlined account management and enabled authorization levels to be adjusted throughout an employee's tenure with the company
- Introduced convenient single sign-on procedures to facilitate easy access to ERP system

*“We deployed Oracle Identity Management to strengthen internal security as well as enable easy and effective authorization management.” – Yang Jong-myung, Manager, Process Innovation Team, Hansol Paper*

Founded in 1965, Hansol Paper is the largest paper manufacturer in Korea. The company produces paper for printing, packaging, and industrial use, and is preparing to enter the paper distribution market. Around 45% of its sales come from exports to North America, Europe, and Asia.

With factories in four locations and 960 employees to manage, Hansol Paper needed to enhance internal security. A recent audit found that system authorization procedures were haphazard and inefficient, leaving the company at risk from security breaches.

After implementing Oracle Identity Management, Hansol Paper was able to streamline password management and system authorization processes. The company also introduced single sign-on and authentication for its enterprise resource planning (ERP) system, eliminating the need for staff to remember multiple usernames and passwords.

## Manual Authorization Creates Inefficiencies

In 2006, Hansol Paper engaged an accounting firm to conduct an audit of its accounting and ERP systems. The audit found that authorization management was arbitrary because the task was handled by different individuals at Hansol Telecom, Hansol Paper's IT outsourcing company. When staff changed position or retired, it took too long to change their authorization levels. It was also difficult to determine the status of authorizations as the process was completed manually.

In February 2007, Hansol Paper decided to install a robust identity management system to automate password and authorization management, and tighten internal security at the company's head office and factories.

### Enhanced Internal Security

With the deployment of Oracle Identity Management, Hansol Paper was able to automate the authorization management process. The procedure is centralized at the head office and managed by one person, who can easily oversee system authorization for 960 staff. This minimizes errors and ensures greater control over the process. It is also easier to resolve any problems as there is only one point of contact for any queries.

Password management has also been simplified. Hansol Paper mandates that passwords have to be changed every 90 days. In the past this procedure was handled manually, creating situations where staff could not log on to the ERP system because they were unaware they had to use a different password. Now, the Oracle system sends an email alert to staff when it is time to change their password. If they do not do so within a designated period, the Oracle software automatically prevents them from logging in to the ERP system.

Individual account management is much easier using Oracle Identity Management. The system tracks a person's entire work lifecycle, from the moment they join the company to their resignation or retirement. When someone receives a promotion or moves to a different role, this is noted in the system and their authorization levels are automatically adjusted.

Hansol Paper also introduced single sign-on and authentication, making it more convenient for staff to access business applications because they no longer have to remember different usernames and passwords.

### Why Oracle?

Convenience and easy management were key requirements when Hansol Paper was evaluating possible solutions. The company selected Oracle Identity Management because of the software's comprehensive features, including automated authorization and password change management and single sign-on features.

### Implementation Process

Hansol Paper deployed Oracle Identity Management in three months. The company tested the system with two teams from its head office and conducted extensive training in each of its business units before going live in May 2007.

Hansol Paper plans to extend the Oracle Identity Management solution to its BW system in the near future, and other systems according to business requirements.

*Hansol Paper is Korea's largest paper manufacturer, producing paper for printing, packaging, and industrial use and exporting globally.*