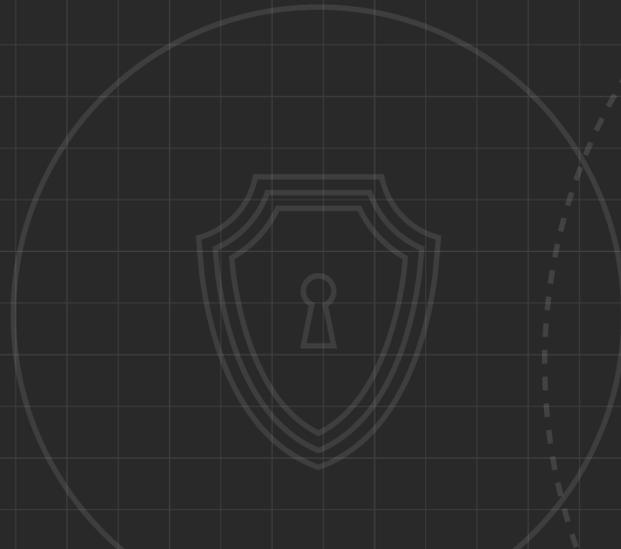


# D'Amo Customer Success Stories of Enterprises.





**Business Type**  
Manufacturing

**Background** ▾

As one of the world's largest manufacturers of consumer electronics and home appliances, L Electronics employs over 70,000 people worldwide across every continent. The company was in need of a security solution package deployable not only to its headquarters, but

overseas subsidiaries and branches, helping all of them meet domestic and international data regulatory requirements. By safely securing the sensitive data of its employees, L Electronics was looking forward to enhancing its perceived credibility by the public.



**Number of Employees**  
70,000+

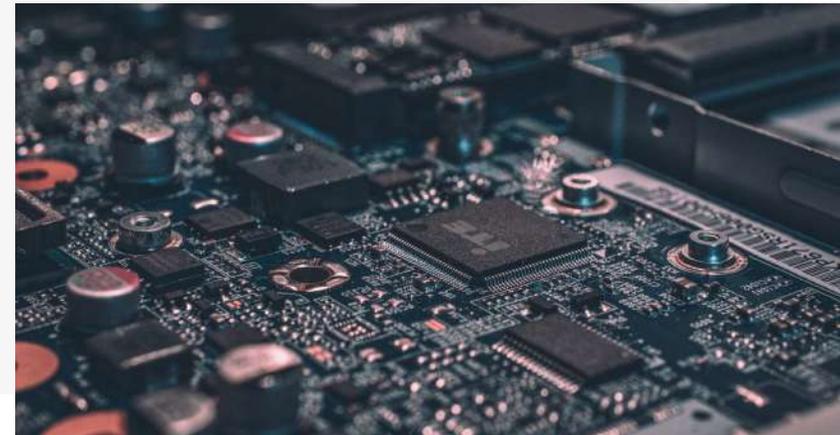
The main goal for L Electronics was to secure the personal information of its employees. Such information included national ID numbers, bank account information, credit card numbers, and social security information, all of which were stored in Oracle Database and processed by a number of operating systems including HP Unix and IBM AIX.

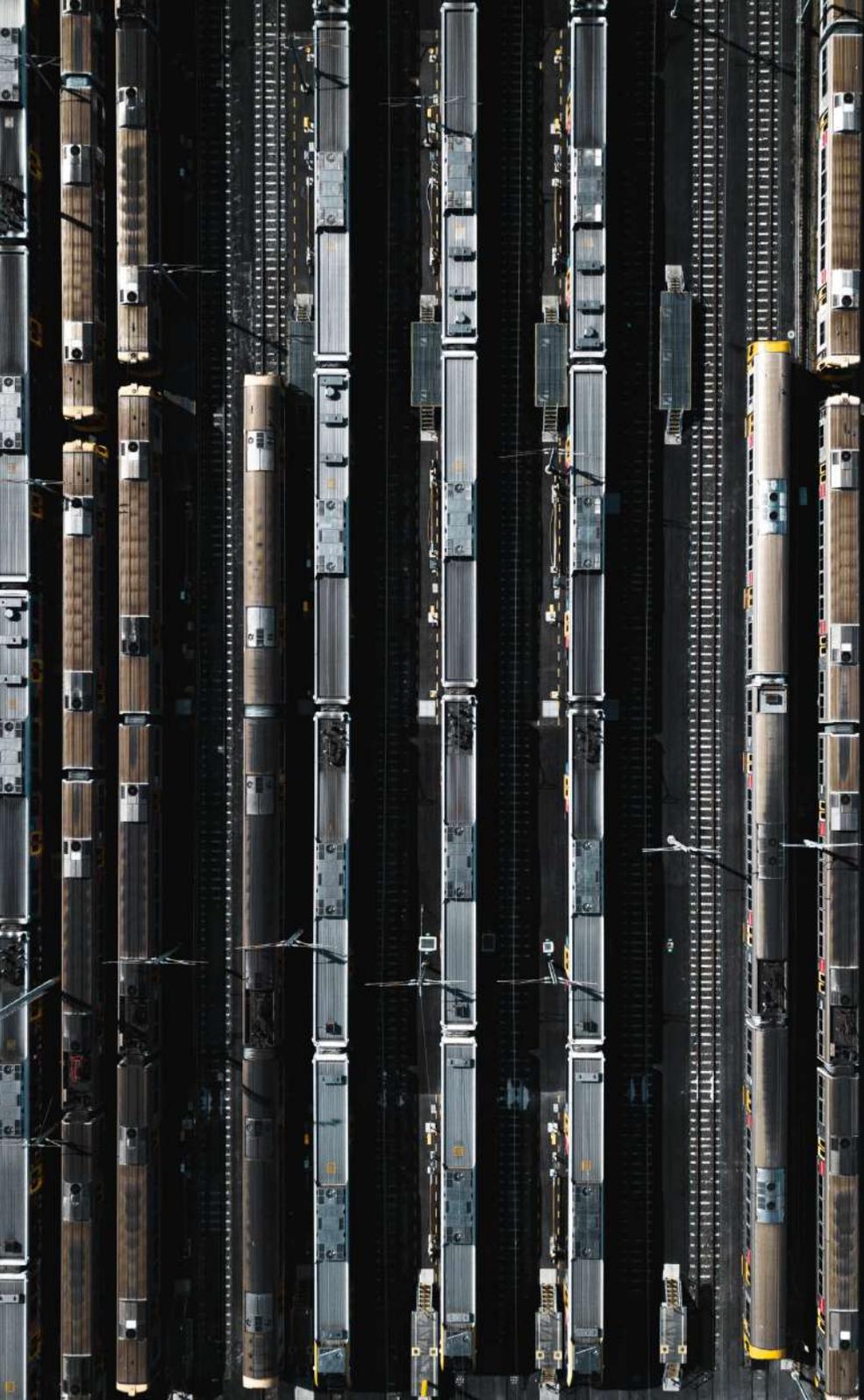
After consultations, L Electronics decided to adopt D'Amo as its database encryption system, mainly due to its ease of deployment to such a large-scale environment.

With the help of Penta Security's customer support team, the solution packages were gradually tested and installed for more than 10 internal human resources management systems and another 17 external systems.



**Annual Revenue**  
\$53 B





## Reason for Choice :

### Ease of Deployment to Large-Scale Environments

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Due to the scale of the project, L Electronics purchased a site license that allowed them to install the package in a number of sites simultaneously, simplifying the installation process and significantly reducing the total cost of ownership.

Due to the company's widely scattered locations, the whole integration process took over six months. L Electronics also demanded a customized Chinese version of the product for its Chinese offices, and asked customer support to be present during the entire testing and installation process.

L Electronics was highly satisfied with Penta Security's customer service and D'Amo's exceptional adaptability and customizability to various environments. With D'Amo integrated to its systems, all L Electronics' branches were able to meet their local requirements on data privacy, making the company better prepared for any future regulatory and policy changes.

**Business Type**

Retail

**Number of Employees**

900+

**Annual Revenue**

\$860 M

**Background** ▾

A subsidiary of the Korean-Japanese conglomerate LT Group, LT Home Shopping is a major TV retail and ecommerce company with its main business operations in South Korea, Taiwan, and Vietnam. LT Home Shopping needed a database

security solution to protect the data of its employees and millions of customers, as well as to meet compliance with several regulations in the region.

**Reason for Choice : Smooth Integration to Existing Solution Packages**

LT Home Shopping installed D'Amo to its social insurance information system, as well as a set of customer relationship management systems that were used for both shopping analytics and experience management. Due to the complexity of its existing systems, the company stressed that they wanted the solution to be smoothly integrated without making any changes to its existing solution packages. D'Amo was mainly chosen because it was easily integrable. After adopting D'Amo, LT Home Shopping was able to comply with all the international and regional data privacy regulations and enhance its brand credibility to its customers. Furthermore, the company was especially satisfied with the decent performance levels of its cluster environment. As a result, D'Amo was further adopted by other subsidiaries of LT Group.

**"D'Amo offered a smooth and easy integration process to both our legacy and next generation systems."**



**Business Type**  
Manufacturing



**Number of Employees**  
11,000+



**Annual Revenue**  
\$4.6 B

**Background** ▾

AP Group is one of the world's largest cosmetics conglomerates with dozens of cosmetics and personal care brands and subsidiaries. With over 11,000 employees and millions of customers worldwide, the company decided to adopt a security solution to protect its customer information from potential cyberthreats.

**Reason for Choice : Fast Speed and Outstanding Performance**

AP Group's data were processed and stored in the IBM AIX operating system and Oracle Database. D'Amo was integrated into its main website, online store, customer relationship management systems, point of sale systems, and data warehouses. Column encryption was implemented for passwords, resident registration numbers, and credit card information. D'Amo was chosen mainly because of its fast speed. Since AP Group frequently processes tremendous amounts of customer data, the system had to be quick enough to encrypt and decrypt large volumes of data with low latency. D'Amo offered outstanding performance at very low latency, making it suitable for retailers that run and process large customer databases. Additionally, D'Amo's robust access control system safely protected data from any potential malicious insider, improving the overall security standards of the organization.

**"The excellent speed and performance enabled by D'Amo provided a smooth and safe transaction experience for our customers."**



### Business Type

Direct Selling



### Number of Employees

300+



### Annual Revenue

\$640 M

#### Background ▾

AW Korea is the Korean subsidiary of global multi-level marketing giant AW, maintaining around one million members in the Korean market. AW Korea mainly sells beauty and personal care products along with home appliances.

The company needed a security solution to help it comply with data privacy regulations, as well as to increase its brand credibility by safely protecting its customers' personal information.

#### ✔ Reason for Choice : Decent Performance On Legacy Systems

As requested by AW Korea, the adoption of D'Amo was divided into two phases. The first phase involved the integration of D'Amo to its sales and recruitment systems, while the second phase involved the full integration to its core customer databases. Due to the scale of the integration, each phase took around six months to complete. During these months, careful testing and optimization processes were implemented to ensure the stability and sustainability of the integrated system.

D'Amo helped AW Korea meet compliance with local and international data privacy regulations. The company was also deeply satisfied with the speed and performance offered by D'Amo. Even when integrated with legacy systems, D'Amo still offered stable performance for online transaction processing and batch processing.

**"Penta Security offered thorough testing and optimization, which were crucial to the stability of the systems post-adoption."**



## Business Type

Manufacturing



## Number of Employees

4,500+



## Annual Revenue

\$5.8 B

### Background ▾

L Health, a subsidiary of manufacturing conglomerate L Group, is a major producer of beauty and personal care products. The company was looking for a database security solution to protect its customers' personal information from unauthorized and fraudulent access.

### Reason for Choice : Exceptional Versatility

L Health needed column-level encryption for its customer information collected from both retail sales and online sales. The retail sales data were stored in IBM Db2, while the online sales data were stored in Oracle Database 10g, both run on the IBM AIX operating system.

At the time of adoption, L Health was in the process of acquiring several new subsidiaries, all of which would require integration once the acquisitions proceed. L Health further demanded a complementary cryptography library for its point of sale systems.

Soon after adoption, L Health installed D'Amo for the newly acquired subsidiaries without the need for any modifications to its existing systems, suggesting the exceptional versatility of the solution.

**"D'Amo was easily adaptable and integrable to new changes, making it a breeze to manage and maintain."**

# About D'Amo

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**D'Amo** is an encryption solution designed to help organizations meet data privacy regulatory compliance, while safely protecting PII and critical enterprise data assets. Its customers include some of the largest financial institutions, schools, healthcare providers, and a variety of other businesses spanning across the globe.

From encryption to key management, along with access control and auditing, **D'Amo** provides a centralized management tool to simplify data security management.

**D'Amo** offers multiple lines of encryption products, with each of them dedicated to securing the application, system, and network layer. It uses a wide selection of encryption algorithms tailored to each specific environment, so that clients can enjoy customized protection with minimal effort.

For more information on **D'Amo**, visit [pentasecurity.com](https://pentasecurity.com)

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