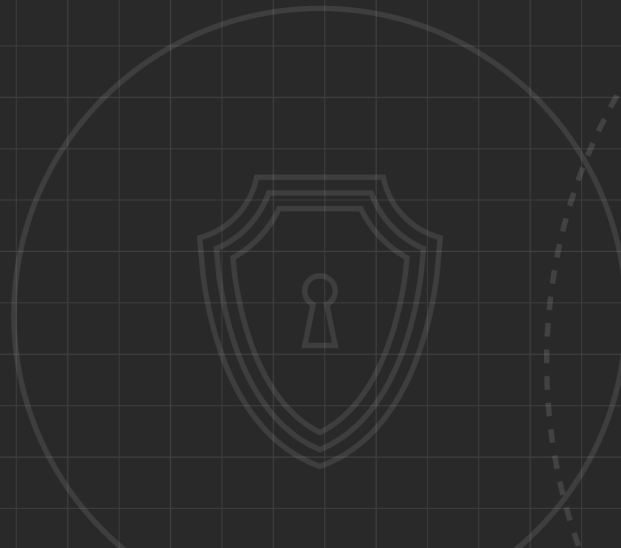


D'Amo Customer Success Stories of Financial Institutions.





Business Type

Commercial Bank



Number of Employees

17,000+



Annual Revenue

\$18,000,000,000

Background ▾

As one of the largest commercial banks in South Korea, K Financial offers a variety of financial services and products to consumers. With tens of millions of customers, K Financial needed an encryption solution

to protect its customer data, which contain highly sensitive resident registration numbers. Stored in both Microsoft SQL Server and Oracle Database, these data were used for the bank's online portal, ITSM, PKI, and ATMs.

K Financial's primary demand was that it did not want to make any changes or alter the settings of the existing solution packages installed in its systems. It also demanded that the solution must not slow down the operational speed of their online portal and ATMs. Lastly, since K Financial's databases were set to high availability mode with active/standby pair configuration -- meaning that a shadow copy of an actively operational database is created in real-time to prevent data loss -- the solution had to be applicable to this configuration.

K Financial purchased D'Amo as it provided optimized compatibility for both Microsoft SQL Server and Oracle Database. Moreover, D'Amo's data encryption occurred at the storage level so that it did not interfere with the database search engine. Additionally, D'Amo came with a robust access control system, storing a copy of the audit log so that the system administrator could review it at a later time.





Reason for Choice :

No Modifications to Existing Solution Packages

Just as K Financial demanded, the installation of D'Amo did not require any modifications to the existing solution packages installed in its systems, since modifying them would significantly increase cost. D'Amo's column-level encryption capabilities allowed K Financial to encrypt only the parts of the databases that contained sensitive information. This minimized any slowdown to the database search engine. Lastly, D'Amo was perfectly compatible with active/standby configuration, allowing it to protect both the active and the standby databases in real-time.

By adopting D'Amo, K Financial was able to minimize any losses associated with data leakage due to the safe encryption of sensitive information. D'Amo also helped K Financial stay compliant with all the data privacy regulations applicable to the financial industry. After adopting D'Amo, K Financial was able to establish a complete set of data protection policies throughout the organization.



Business Type
Association

Background ▾

KF Investment Association is a relatively new organization. Its missions are to facilitate a sustainable investment environment, oversee the order of the financial market, as well as to cultivate professionals in the financial industry.

The main concern of the organization was meeting compliance with a set of newly established data privacy laws. It was looking for an encryption solution that would not slow down its systems.



Number of Employees
250+

✔ Reason for Choice : Market Share Leader

The primary reason for choosing D'Amo as a third-party encryption solution was because it had the largest market share. Additionally, customer service at Penta Security provided hands-on support and guidance on how to set up the system in accordance to regulatory requirements.

After adopting D'Amo, KF Investment Association was able to establish a set of data security policies that are distinct from their network security policies, enhancing the organization's preparedness for today's sophisticated attacks. More importantly, the organization was able to meet compliance with all the applicable data privacy laws.



Annual Revenue
-

"D'Amo helped us stay prepared in the era of increasingly sophisticated attacks."



Business Type
Insurance Firm



Number of Employees
700+



Annual Revenue
\$3,000,000,000

Background ▾

KD Life Insurance is a major general insurance company that designs and sells personal insurance products along with providing financial consulting services. KD Life Insurance had been lacking a consistent cybersecurity policy. As such, the company was looking for a reliable and sustainable solution that specializes in data encryption to

complement its existing network security solutions. KD Life Insurance needed a column-level encryption solution to protect its clients' personally identifiable information (PII). Specifically, it needed to protect the database servers of its online portal. The company was using Microsoft SQL Server configured to active/standby pair mode.

✓ Reason for Choice : Ease of Use

Before making the purchase, KD Life Insurance requested a test run of D'Amo on its systems. By following the guides provided by Penta Security's customer service, the setup was carried out smoothly and it encountered no problems in the column selection and query optimization processes. After adopting D'Amo, KD Life Insurance was able to minimize the risk of data breaches as well as to minimize the financial costs in case a data breach occurs.

"The test run went out smoothly. We were able to easily navigate through the UI with guides provided by customer support."



Business Type

Venture Capital Firm



Number of Employees

20+



Annual Revenue

\$2,100,000

Background ▾

S Capital is a venture capital firm owned by one of South Korea's largest retail conglomerates S Group, offering loans at lower-than-market rates for S Group's franchise members. It specializes in providing mortgages and loans for the purchase or lease of retail properties and equipment. S Capital was looking specifically for a column-level

encryption product to secure the credit histories, financial records, and personal information of its customers. Its databases serve a wide range of functions including customer service and financial record management services, all of which were managed by Oracle Database on Linux.

✔ Reason for Choice : No Significant System Slowdown

S Capital's IT management team initially worried that an encryption solution would slow down the servers and lead to delays in customer service. After a couple of test runs, S Capital adopted D'Amo immediately due to its outstanding stability and its ability to keep system slowdown to a minimum. By choosing D'Amo, S Capital was able to minimize any potential loss in case a data breach occurs and managed to meet compliance with all data privacy laws and regulations.

"We were surprised by how D'Amo barely posed any impact on the processing speed of our applications."



Business Type
Software Solution



Number of Employees
150+



Annual Revenue
\$23,300,000

Background ▾

As a subsidiary of credit information company N Group, N Data offers software financial solutions for accounting and tax filing purposes. Most of its clients are small and medium enterprises. N Data needed a solution to stay compliant with data privacy regulations, as well as to minimize the risks associated with data breaches.

N Data needed an encryption solution to protect its sensitive data managed by Oracle Database, run in virtual machines. Different from other cases, N Data already had an existing encryption solution package. However, not only was it dissatisfied with the user experience, the solution provider unreasonably raised its prices, forcing N Data to look for an alternative solution.

✔ Reason for Choice : Reasonable Pricing

After comparing with a few other alternatives, D'Amo was selected not only because it was one of the most reasonably priced products, but also because it allowed for the most stable performance without significantly slowing down the systems.

"Penta Security's sales team was very helpful and informative. Compared to other alternatives, they offered the most justifiable price in a transparent manner."

About D'Amo

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

