

Case Study | Large Insurance Company

The Business

The company is a provider of insurance and employee benefit programs to thousands of customers in Europe. It has 7000 insurance agents, manages more than 50 billion Euros in assets across a wide range of investment instruments for private clients, companies and institutions.

“With Safe-T Secure File and Email Access we were able to migrate our customer facing applications to our internal network, resulting in a reduction of sensitive customer data in the DMZ, cost reduction of applications servers and simple and secure collaboration with outside parties. Safe-T’s solution has improved our IT security and efficiency, and help us comply with the strict Insurance regulations.”

The company’s CIO

Large Insurance Company Simplifies DMZ Architecture with Safe-T’s Secure File and Email Access

The Challenge

A leading insurance company in Europe with thousands of agents and customers migrated six of its applications containing sensitive data into the external facing DMZ, to enable agents to access data from their mobile devices (e.g. insurance rates) and to enable customers to view their insurance policies online.

Migrating the applications into the DMZ created four main security risks to the company:

- The internal firewall had to be opened from the DMZ to the internal network in order for the migrated applications to operate correctly. This meant that hackers could utilize an open firewall port to launch a variety of attacks, ranging from network to application level attacks.
- Sensitive customer data resided in the DMZ and was under constant threat of being breached.
- Complying with regulations was challenging as regulated information resided in the DMZ.
- Additional servers and licenses had to be purchased for the migrated applications driving up costs. There was also an increase in operational costs, due to the increased complexity of managing the network.

“It was a constant struggle for our IT teams to provide our remote customers and insurance agents with easy access to information while protecting the information residing in the DMZ”. Said the company’s Chief Information Officer

The Solution

Secure File and Email Access Safe-T’s dual node patented technology for securing the network from the outside, removes the need to open any ports within the internal firewall, providing unmatched protection for enterprise data networks from the Internet and other public networks.

By deploying Safe-T Access servers on each side of the internal firewall, the company was able to migrate the applications back into the internal network, removing the DMZ based front-end servers and database, eliminating any sensitive data from residing in the DMZ, while ensuring only legitimate users can access it.

In addition, removing the DMZ application tiers, greatly simplified the DMZ network architecture, allowed to close incoming ports on the firewall, and stop synchronizing data between the internal network and DMZ. Thus greatly reducing the day to day firewall and network operational costs, while streamlining the path to full compliance.



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The company's CIO added: "With Safe-T we were able to migrate our customer facing applications to our internal network, resulting in a reduction of sensitive customer data in the DMZ, cost reduction of applications servers and simple and secure collaboration with outside parties. Safe-T's solution has improved our IT security and efficiency, and help us comply with the strict Insurance regulations."

Solution Benefits

- Improved data security by eliminating sensitive data from DMZ, and closing ports in the firewall
- Reduced power and cooling consumptions costs by 30% per month
- Reduced the costs of firewall and network maintenance by \$5,000 per month
- Streamlined data management and business operations by eliminating the ongoing duplication of data and applications.
- Achieve faster compliance when data is not stored in the DMZ