Kaspersky Thin Client

Cyber Immune thin clients in financial institutions

After piloting Kaspersky Thin Client, a financial organization customer decided to purchase the solution and deploy workstations based on it in a number of its branches.

Pilot project objectives

The aging desktops in a financial institution's IT infrastructure were beginning to impact business operations. They were also having difficulty supporting several remote branches with a total of 150 workstations. To maintain a high level of customer service, the customer decided to upgrade the fleet of employee workstations.

Several requirements were considered when selecting a solution. First, the updated infrastructure needed to be scalable and centrally managed as the organization grew. Second, the solution had to meet the rigorous information security and business continuity requirements of the financial sector. Third, the solution had to meet import substitution requirements.

After studying the approaches available on the market, the customer concluded that they needed to implement a solution with Virtual Desktop Infrastructure (VDI). With this approach, thin clients connecting to virtual desktops can work with local printers, transfer flash drives and tokens to the server, and enable participation in audio conferences.

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Solution

After studying the project requirements, Kaspersky offered to pilot and implement a solution for building a managed and functional Kaspersky Thin Client infrastructure based on Kaspersky OS.

The project included the introduction of a unified system for managing user devices. This role was performed by Kaspersky Security Center (KSC), which is also used to manage other Kaspersky products. It enables the creation and management of new workstations, increases the reliability of the infrastructure and reduces maintenance costs.

A solution based on thin clients with a centralized management system is most effective for organizations with an extensive branch network. Pre-configured thin clients are installed in branch offices, securely connected to virtual desktops and centrally managed via the KSC console.

The fact that the Kaspersky Thin Client software is included in the unified registry of Russian software, and the hardware platform is included in the register of the Russian Ministry of Industry and Trade, means the solution fully complies with new import substitution requirements.

Result

During the pilot, the customer noted the positive economic impact of using the virtual desktop infrastructure: the cost of administering workstations in remote branches was reduced, with no need to configure and upgrade PCs directly in branch offices.

In addition, the customer was able to optimize the cost of protecting workstations from cyberattacks by eliminating the need to purchase and install antivirus tools due to the Cyber Immune (inherent security) properties of the thin clients.

The solution also enabled the customer to meet the requirements of the Russian Federation to adopt domestic software by January 1, 2025.

As a result, the Kaspersky solution met all the criteria set at the beginning of the project. Based on the results of the pilot, the financial organization purchased the Kaspersky Thin Client solution and the Kaspersky Security Center management system.

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