FUJITSU

Building for
continued growth

Capital LIFE needed to reorganize its entire IT infrastructure. It wanted to use server virtualization technologies that could be implemented quickly in-house. With Fujitsu's scalable, energy-efficient solutions, Capital LIFE's own IT specialists have established a platform for continued growth, built on Fujitsu servers and storage to enhance performance and ensure business process continuity.

About the customer

With more than two million customers, Capital LIFE is the largest life insurance company in Russia and, according to the Russian Central Bank, was the national leader in payments to customers from 2010–2019. The company was incorporated in 2004 and now employs more than 10,000 people across offices in almost every region of the country. In 2020, the NCR rating agency assigned Capital LIFE a credit rating of A(RU) - a stable outlook.

Industry: **Insurance Services**   Location: **Russia**   People: **10,000+**   Web: **kaplife.ru**

"The simplicity of the Fujitsu ETERNUS DX200 ensures high fail-safety. This is an excellent, tried-and-tested solution."

Vitaly Yarchuk, Infrastructure Management Director, Capital LIFE

Challenge

Capital LIFE needed to update its IT infrastructure, using server virtualization technologies. It needed an affordable, reliable solution that was simple yet effective, using minimum resource for set-up and integration.

Solution

- Fujitsu ETERNUS DX200 storage systems for VMware ESXi, DLP security, and database back-up storage
- Fujitsu PRIMERGY RX2540 and PRIMERGY RX2530 servers
- Fujitsu ETERNUS DX200 for back-up data center

Outcomes

- IT infrastructure build completed within ten weeks
- Supports long-term growth with expandable, energy-efficient solution
- Brings consistency to deployments of virtual engines for proprietary applied software

10

weeks for implementation
by in-house IT specialists

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Establishing a new IT landscape

Capital LIFE is the largest life insurance company in Russia with more than two million customers and 10,000 employees in almost every region of the country. Following the expansion of the business, Capital LIFE needed to reorganize its entire IT infrastructure. It wanted to use server virtualization technologies that could be implemented quickly in-house, with minimum integration resource, and wouldn't break the bank. At the same time, it was important to choose a proven and reliable solution.

The search criteria balanced price, performance, reliability, and functionality. Given the tight budget and deadline for implementation and the project's small scale, Capital LIFE limited its choice to solutions in the mid-price range.

Performance, efficiency, and ease of implementation

The Fujitsu ETERNUS DX200 system was chosen for performance while meeting the budget and time requirements. According to Vitaly Yarchuk, Infrastructure Management Director for the Technology Development Department at Capital LIFE, Fujitsu solutions have greater functionality and superior response time and performance compared to competitors.

Capital LIFE now uses three Fujitsu ETERNUS DX200 storage systems. They are used for VMware ESXi, DLP security and database storage systems, and back-up storage. The system uses FUJITSU Server PRIMERGY RX2540 and RX2530 servers, two of which are dedicated to DLP-system operation, and two for the Oracle database. The latest ETERNUS DX200 is being acquired for a back-up data center.

"The storage has been built based on classical, proven architecture which enables the rapid set-up of the storage system and advanced knowledge of how it will behave and how it will work," says Yarchuk. "The simplicity of the Fujitsu ETERNUS DX200 ensures high fail-safety. This is an excellent, tried-and-tested solution."

From product order to launch, the project was fully implemented in ten weeks.

Scale and agility to support continued growth

Today, all the company's critical systems operate on Fujitsu storage, including the mail system, file resources, and antivirus software.

The Fujitsu ETERNUS DX200 hybrid storage solution enhances performance and ensures process continuity with data storage capacity, data security technologies, and encryption capabilities. Thin provisioning, automatic storage tiering, transparent failover, and quality of service management contribute to better business support. Flash and disk drives to expand the scenario deployment range offer the potential for scaling to meet growth.

The PRIMERGY RX2540 server leads in ease-of-use, scalability, and effectiveness. The server is ideal for running enterprise applications, collaboration workloads, and traditional databases, simplifying IT optimization. The server offers expandability of up to 28 storage devices, high storage density, and up to eight expansion slots for input-output. Its two redundant and hot-plug power supplies offer 96% energy efficiency.

The PRIMERGY RX2530 is an expandable and energy-efficient rack, ideal for virtualization, scale-out scenarios, and small databases, as well as high-performance computing with Intel® Xeon® processors and the latest DDR4 memory technology. The server will meet future requirements and ensure cost optimization.