Fujitsu VDI technology has increased the productivity and resilience of the current equipment and has helped to reduce costs. There have been savings on operations, installation, support and maintenance.

TOBB deploys a new VDI built on Fujitsu servers, storage and end-user devices. It now enjoys enhanced security, better performance and improved productivity.

At a glance
Country: Turkey
Industry: Public Sector
Founded: 1950
Website: tobb.org.tr

Challenge
Each of TOBB's departments were hosting different and complex user profiles, which were unstructured and unorganized. It wanted to introduce a Virtual Desktop Infrastructure (VDI) solution to improve time efficiency and to decrease total costs.

Solution
In the data center phase, the management of end-user data was secured with 12 x FUJITSU Server PRIMERGY RX2540 and the storage of data with FUJITSU Storage ETERNUS DX8900. In the end-user phase, the employee's VDI system hardware requirements were met using FUJITSU Desktop ESPRIMO Q956 and FUJITSU Display B22T-7 Pro.

Benefit
■ Centralized data enables higher security

■ Ability to work from any device improves user productivity

■ Requests and incidents can be resolved more quickly

■ The system is protected from virus damage, while information continuity is ensured

shaping tomorrow with you

FUJITSU

Customer

The Union of Chambers and Commodity Exchanges of Turkey (TOBB) is the highest legal entity in Turkey representing the private sector. Like the patterns of guilds and syndicates, which traditionally organized and represented tradesmen and producers throughout Turkish History, TOBB adopted a representative role in a democratic and modern society. Today, TOBB has 365 members in the form of local chambers of commerce, industry, maritime commerce, and commodity exchanges.

Products and Services

- 12 x FUJITSU Server PRIMERGY RX2540
- FUJITSU Storage ETERNUS DX8900
- FUJITSU Desktop ESPRIMO Q956
- FUJITSU Display B22T-7 Pro

Increasing efficiency and lowering costs with VDI

TOBB is built on a virtual environment, made up of departments hosting different and complex user profiles, which are unstructured and unorganized. It wanted to introduce a Virtual Desktop Infrastructure (VDI) solution to improve time efficiency and decrease total costs.

The existing computers, which had been in use for years, were now obsolete. With the growing need for faster performance and higher computing power, these machines needed to be replaced with newer models. The objective was for TOBB employees to carry out their tasks quickly and productively.

Cyber-attacks, which have risen alongside advancing technology, have increased the importance of data security. Consequently, another aim was to ensure that the data security of end-users would be guaranteed and regularly backed up.

The growth and development of TOBB as an organization also means the growth of its data. It anticipated that, by taking advantage of the possibilities brought about by the VDI environment, it could create a platform to manage higher volumes of data with minimized data loss.

An enhanced virtual platform

With the aim of improving employee productivity and increasing information security during live projects, a central, backed up and secure management system was deployed. This was achieved by moving the operating systems and software on to VMware Hypervisor using Citrix Desktop Virtualization architecture.

The project on data center and end-user configuration comprised of two phases:

- In the data center phase, the management of end-user data was secured with 12 x FUJITSU Server PRIMERGY RX2540 and the storage of data with FUJITSU Storage ETERNUS DX8900.

- In the end-user phase, the employee's VDI system hardware requirements were met using FUJITSU Desktop ESPRIMO Q956 and FUJITSU Display B22T-7 Pro.

Citrix XenDesktop virtualization technologies were used in the transfer of the numerous complex user profiles to the VDI environment. Moreover, all user profiles were integrated into a central environment using desktop virtualization, application virtualization, and personal disc features.

Data integrity and resilience was secured by placing the users' data on a central data storage unit. Display cards with high capacity RAM allow users to have significant capacity and speed in the virtual environment.

Taking advantage of virtualization technology, a resilient and adaptable platform has been created in five different TOBB locations in Ankara and Istanbul.

Whilst the project was underway, TOBB operated as normal and users were transferred to the new system without any disruption. The transfer of user data and change of computers occurred outside working hours; throughout the working day users were provided with call center and on-site support. Because of this continuity, employees were able to pick up from where they left off on the new system.

The supply and installation of all the devices within the project framework was carried out over a period of approximately 12 weeks, in close collaboration with the employees of TOBB's information processing department.

Improved security and increased productivity

As a result of the operating system being installed with VDI technology, the right applications, and centrally managed data, a higher level of data security was achieved. This platform also has resulted in increased flexibility, by allowing users to access their own information and work on any computer within TOBB. Because the apps and information utilized by the users is now on a central platform, the system is protected from virus damage, while information continuity and security are ensured. Furthermore, there are also advantages such as ease of retrieving information, a low server closing time, and the ability to promptly remove and replace damaged equipment.

VDI technology has increased the productivity, utilization, and resilience of the current equipment and at the same time has helped to reduce costs. There have been large savings on operational, installation, support and maintenance costs. It also allows for end-user requests to be responded to much quicker.

As a result of being backed up, and therefore not having interruptions, system stability is guaranteed. It is also possible to arrange integration for applications that need physical resources.

FUJITSU

Website: www.fujitsu.com.tr