# FUJITSU

# Case Study
## İstanbul Bilgi University

"We are able to provide absolute mobility to our students and academics
 thanks to our technology partner Fujitsu."

Melike Beykoz, Director of IT, İstanbul Bilgi University



### The customer

Country: Turkey
Industry: Education
Founded: 1996
Employees: 1,800
Students: 25,000
Website: www.bilgi.edu.tr

İstanbul
Bilgi Üniversitesi
LAUREATE INTERNATIONAL UNIVERSITIES

### The challenge

İstanbul Bilgi University wanted to upgrade its existing Fujitsu IT environment and replace it with a more powerful, agile platform that would enable research to be completed more quickly.

### The solution

The university worked with Fujitsu to deploy a combination of Fujitsu PRIMERGY servers and Fujitsu ETERNUS storage for a flexible, high-performing and cost-effective computing infrastructure.

### The customer

'Non scholae, sed vitae discimus' – 'Learning not for school but for life' is the motto of İstanbul Bilgi University. The university was founded in 1996 and is comprised of six faculties, five institutes, five professional and three vocational schools, which together constitute 25,000 students and 1,000 academics who take part in over 150 undergraduate, graduate and associate degree programs. The university is also the only member in Turkey of one of the world's most advanced international education networks, Laureate International Universities.

### The challenge

The university wanted to upgrade its outdated technology platform and introduce an advanced IT system that would enable 25,000 students and 1,000 academics to access information and applications at high speed from anywhere at any time, without interruption. The system also needed to provide online virtual desktops and be capable of delivering flexible virtual servers that could support a range of applications. Most importantly, the system had to be scalable and able to grow with modular extensions.

"We have been using Fujitsu solutions since the university was founded but we wanted to change the existing infrastructure to take advantage of the most powerful and flexible platform available," explains Melike Beykoz, Director of IT, İstanbul Bilgi University. "This would improve efficiency, reduce operational cost and minimize complexity."

### The solution

İstanbul Bilgi University has deployed a number of Fujitsu PRIMERGY servers in combination with Fujitsu ETERNUS storage to create an agile IT platform that produces quicker business advantages. The system enables many users to access the same source at the same time, while virtual servers can be created in an instant when needed.

"Fujitsu undertook maximum effort to understand our needs and created the best approach and optimal solution," says Beykoz. "It provided the most advanced technology in combination with the best pricing."

## The benefit

- Institutions, academics and students in need of powerful resources for research and development projects can manage their own servers
- Applications no longer need to be installed on each individual server, saving time
- The system enables many users to access the same source at the same time, while virtual servers can be created in an instant when needed
- Complex research projects can be completed without any lag or system failure

## Products and services

- FUJITSU Server PRIMERGY RX300 S6, S7, S8
- FUJITSU Server PRIMERGY RX2540 M1
- FUJITSU Storage ETERNUS DX60 S2, DX80 S2, DX90 S2
- FUJITSU Storage ETERNUS DX200 S3, DX500 S3

From now on, institutions such as TUBITAK (The Scientific and Technological Research Council of Turkey), as well as academics and students looking for powerful resources for research and development projects, can manage their own servers. At the same time, virtual desktops can easily be used in laboratories and applications can be loaded instantly, which simplifies upgrades.

### The benefit

Thanks to the powerful Fujitsu servers, data storage and peripheral products, complex research projects can be completed without any lag or system failure. The system also allows many people to use it at the same time as virtual servers can be assigned to any project where needed with ease. In addition, virtual labs enable multiple different applications to run at the same time. Upgrades are no longer a problem, because there is no longer a requirement to upgrade applications on individual servers one by one.

Furthermore, the stable infrastructure provided by Fujitsu enables İstanbul Bilgi University to provide 24/7 uninterrupted services and business continuity for 25,000 students and 1,000 academics.

### Conclusion

"The aim of the project was to provide a scalable, cost-effective solution that matched our requirements. In this respect, Fujitsu has provided an ideal mix of servers and data warehouses. As a result of this success, we are now also looking at deploying a high-performance computing environment for the engineering faculty."

Melike Beykoz, Director of IT, İstanbul Bilgi University