CUSTOMER CASE STUDY

KLEBELSBERG KÖZPONT

> "Technology tools used in education need to be rugged, high quality, have a long lifecycle, be easy to manage and, of course, fit in the budget. Fujitsu ESPRIMO PCs have exceeded all our expectations."

Stefán Péter
Head of Department
Klebelsberg Institution Maintenance Center

Under a joint project, Klebelsberg Center and Fujitsu provide 7,000 technology tools to the students of nearly 600 schools.

At a glance

Country: Hungary
Industry: Education
Founded: 2012
Website: kk.gov.hu

Challenge

The Klebelsberg Center is responsible for Hungary's primary schools, primary art schools, and secondary schools. It is committed to advancing the use of technology within education, however, the level of digitization is below the European average and the process has been hindered by outdated legacy IT systems.

Solution

An infrastructure upgrade aimed at improving the digitization of educational institutions led to the Center selecting Fujitsu to build and deliver 7,000 ESPRIMO PCs.

Benefit

- 7,000 identical devices were assembled and delivered simultaneously
- Near-silent operation of 21DB enables a conducive learning environment
- Energy consumption has been reduced by 342,720 kWh per year
- 12-month onsite warranty and Hungarian language product support provided by a nationwide service network

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Customer

The Klebelsberg Center comprises a central organization and regional units. It is responsible for the operation of Hungary's primary schools, primary art schools, and secondary schools. It is also the operator of vocational schools and dormitories, as well as public education institutions providing specialized education and other education-related services.

Products and Services

- 7,000 x FUJITSU Desktop ESPRIMO P556/2 PCs and on-site warranty

Upgrading an archaic IT infrastructure

In Hungarian education, the level of digitization is below the European average. The majority of schools have a long way to go before they can invest in advanced technologies such as cloud-based educational applications and virtual or augmented reality. This process is hindered by the complexity of the task and outdated legacy IT systems. Hungary's central region is at a disadvantage as it has more limited access to EU funds than other regions.

Educational institutions have already realized they have to lay the appropriate foundations first. As a first step, they need to establish the required infrastructure. State-of-the-art hardware systems are indispensable for digital transformation. To educate the next generation about the use of technology, it is essential to have high-quality, powerful, user-friendly devices.

In many institutions, the hardware infrastructure was older than the students. At the same time, schools did not have a sufficient number of devices for their students. They had digital transformation projects on their agenda for a long time – including a computer infrastructure upgrade as a strategic goal.

In response to the above, Klebelsberg Center launched an IT development program for educational institutions in central Hungary from a budget of HUF 6.2bn in 2017.

Consistent, education-ready devices

Under the infrastructure upgrade project launched to improve the digitization of educational institutions, 14,000 computers and displays, 6,000 laptops, and 7,000 projectors were delivered to nearly 600 schools.

The project involved several vendors, including Fujitsu, which delivered 7,000 PCs to educational institutions. For the Klebelsberg Center, it was an important requirement to have all 7,000 computers delivered at the same time with identical components, as well as the Education version of Windows instead of standard professional licenses. This generated major savings for the customer in deployment and operation.

Cost-effective, energy efficient and reliable

The FUJITSU Desktop ESPRIMO P556/2 PCs are covered by 12-month onsite warranty and Hungarian language product support provided by a nationwide service network. ESPRIMO P556/2 is one of the most cost-effective, most silent and most reliable PCs in its class, offering major cost savings over the replaced outdated computers. ESPRIMO P556/2 has a noise emission of only 21dB which enables an undisturbed class environment, even if there are 25 to 30 computers running at the same time in the classroom.

In an average classroom, 50 percent of the computers are idle, 30 percent are under medium load, while 20 percent are under heavy load. Old and new PCs have a power consumption difference of 25-35-55W in the three operating modes, respectively, which generates power savings of 34W per hour on average. Given that these computers run on average eight hours a day for 180 school days a year, annually the operator saves 49kWH in power consumption for each ESPRIMO PC, or 342,720 kWh for the entire fleet.

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Website: www.fujitsu.com/hu/

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