

“The system has blocked several zero-day malware attacks, amongst them cryptographic viruses, thus preserving the data assets of the institution. It is also important to note the impact such an incident has on the continuity of business even if data loss can be avoided – i.e. how much the daily operation of the institution may be jeopardized during restoration. The Microsoft Azure-based Panda Adaptive Defense 360 and Systems Management has become an organic part of the IT ecosystem of our institution.”

Soós Tamás
IT Office Manager



Institution

Eszterházy Károly
Egyetem Oktatókutató
és Fejlesztő Intézet

Solution

Panda Fusion with
Adaptive Defense 360 +
Advanced Reporting Tool

Licenses

200

Information about the Institution

The Education Research and Development Institute is a strategic research, development and service institution of the educational sector. Its core tasks include research, development, innovation and service activities for Hungarian public education and, sometimes, higher education. The activities of the institution also cover public and higher education research and development, international analyses, expert activities preparing the professional decisions of educational policy leaders, data supply and wide dissemination of professional results. The Education Research and Development Institute also develops and produces national textbooks complying with the National Core Curriculum.

History

In the past, there were incidents in which zero-day malware penetrated the system. Although the data could be restored without losses thanks to an appropriate backup structure, the case was seen as a lesson and, together with the management, it was decided that it was time to revise the endpoint protection system, in order for it to meet the challenges of our era.

The institution fulfills an essential task in the field of supporting education, so it is very important that our IT system is up to date and protected even against the latest malware types.

Challenges

The IT infrastructure mostly consists of Microsoft Windows servers in a virtualized environment and Windows 10-based workstations. Every colleague (research workers, textbook writers, staff in projects and functional units) works on network file servers. Work files required for national textbook development are stored on these. The number of documents has increased by over a hundred million over the years, requiring almost 200 TB space on the storage servers.

Solution

During our market research, we noticed the Panda Security solution, which provided protection against zero-day malware and, complete with a complex surveillance system, it offers great assistance for the operator staff.

After a presentation, they started testing it on our own system and tried to examine as many aspects as possible to see if they could apply it appropriately. In the beginning of the introduction, they experienced how simple installation, monitoring and keeping the systems up-to-date is due to the cloud-based central management infrastructure and, therefore, the load on our IT staff also decreased.

They kept in touch with the representatives of Panda Security during the test period so that the test period went smoothly. The software program met expectations in terms of operation, security level as well as resources, so they decided to use the solution from Panda Security in the future.

As a budgetary institution, we naturally had to take financial aspects into consideration too. Weighing the risks, they voted for security. Their choice was made easier by unified licensing, because the same can be used for servers, workstations as well as mobile devices. They pointed out the integrated MS Exchange server protection which, irrespective of the number of users protected, protects correspondence against sophisticated ransomware and other cyber spying methods using a single license.

