Bitdefender helps protect the complex IT environment at the University of Bucharest

THE CHALLENGE

To stay competitive, and provide a learning and working environment that fosters innovation, the University of Bucharest, like most academic institutions, requires the latest technologies and communications tools for students and staff to be effective in their day-to-day interactions. As such, the University's IT environment carries a lot of demand for availability, reliability and, of course, security. With the rising use of devices and laptops, the University needs to manage both physical and mobile security issues related to research, curriculum, student and employee records and financial information.

"We had several antivirus solutions with different dates of expiration, which made administration extremely difficult. There was no centralized management and we had no visibility into the network," said Mr. Marius Moisescu, IT Manager, University of Bucharest. "We could not enforce a common security policy, and this was a situation that had to change."

Initially in 2010, the University needed to find an antivirus solution that would protect their physical Windows-based environment, reduce costs and most importantly, centralize management of security functions. They also needed to find a security solution that provided better visibility and auditing capabilities within the network.

> " *We needed a solution able to perform a network audit, allowing us to create an inventory of the network: centralized information about operating systems, hardware resources, and the status of software licenses were very useful for us in gaining a clear picture of our network.* "

Founded in 1864, the University of Bucharest has been the academic institution of choice for many prestigious business leaders, political influencers and scientific leaders in history. The university has gained both national and international recognition as one of the top accredited universities with some of the highest academic standards, and was the first Romanian academic institution in the Top 600 Universities in the World.   The University covers the fields of Human and Social Sciences, Natural Science and Engineering, Exact Sciences (Mathematics and Computer Science).

THE SOLUTION

The University of Bucharest turned to Bitdefender for On-Premise Business Solution v 3.5 to help the university protect and centrally manage the physical environment and deliver a reliable infrastructure to students and staff. "One of our most important concerns was the resource consumption" added Mr. Moisescu. The University's IT department had searched for other security solutions, but Bitdefender proved to have the centralized management capabilities and auditing modules that would assist the IT department in carefully monitoring the physical environment.

In addition, the University's IT department needed to manage more than 1300 endpoints, and once again turned to Bitdefender to do a proof-of-concept, which would test Bitdefender Cloud Security. After doing the proof-of-concept, Mr. Moisescu said, "We appreciate the thinner, lighter solution within Cloud Security by Bitdefender. Given our complex environment, we appreciate how easy it is to use and administrate security with Bitdefender solutions."

THE RESULT

As the University's IT demands increase with innovation and new technologies, Bitdefender will help provide the University with the right security solution based on its needs. "Bitdefender ensured the security needs of the network, with a high detection rate, as well as provided a centralized management console solution through a friendly administration console, and simplified network tasks by using multiple template WMI scripts. This alone greatly reduces the time the IT admin should spend on manually changing configurations, allowing remote and mass administration of workstations and servers. Using them, we can perform day by day useful operations like: install, uninstall software, list and terminate selected applications and processes, restart or shutdown workstations. This makes a significantly improved difference on our human and IT resources," concluded Mr. Moisescu.

" *By installing customized modules, Bitdefender Client Security v3.5 was able to use in an optimal way the resources of each machine.* "

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