



E-Lock Corporation File Integrity Monitoring Solution – WebALARM, Provides Website Protection to University Malaya



AN OVERVIEW

University of Malaya, or **UM** is Malaysia's oldest university situated on a 750 acre (309 hectare) campus in the southwest of Kuala Lumpur, the capital of Malaysia. It is established on 8th October 1949 on Singapore with the merger of the King Edward VII College of Medicine (founded in 1905) and Raffles College (founded in 1928). Currently it has a student body of 20,000 students offering both undergraduate and postgraduate programmes.

THE CHALLENGES

As the premier University in Malaysia, UM is constantly in the limelight as such it needs to ensure that the information that it disseminates via its website is not compromised at anytime. Thus the IT department needed a solution to constantly monitor and protect its web servers from being hacked and defaced. They needed a solution that proactively monitors the website from any malicious hacking attempt and prevent data compromise. With such a solution it would allow them to respond to security incidents in a timely manner. University Malaya needed a security solution that would move them from being reactive to proactive in responding to any security incident. Their challenge was to identify a solution that could not just monitor files and data for unauthorized changes but also one that would provide an automated recovery in an event of tampering. An added challenge was the constrained IT budget, limited IT security personnel and the need for a fast implementation.



THE SOLUTION

University Malaya decided upon WebAlarm after undergoing an in-depth evaluation and proof of concept. The solution chosen was WebAlarm Professional Edition which provides the capability to monitor with automated recovery, send alerts in events of security incidents, reporting, enable automated update management and activities logging including evidence capturing. The IT department are impressed by the solution ease of implementation, cost effectiveness and its robustness.

THE BENEFITS

The availability of a solution that is able to monitor and protect files and data 24x7 has proven to be highly valuable in ensuring the integrity of the University's website. WebAlarm has given University Malaya's IT department the capability to log all activities related to the Website and has dramatically improved its capability to prevent data tampering. Finally WebAlarm has proven to be a cost-effective solution that is integral to the University's data security.