



Final Research Paper

Assignment

The CEO is still recovering from the findings indicated from the first report and requested a status update on these issues. As the CISO, you have reassured her that the wireless network issue has been addressed with WPA2, applications now have only the minimum access controls in place for employees to do their job, and data protection has been encrypted with AES. You tell her that you would now like to discuss the findings of the **second** report.

Listed below are the preliminary findings of the second report:

OPERATING SYSTEM(S): **FAIL**

Comments: The company is running Microsoft Windows XP on all of its current laptops and desktop computers and need to have a newer windows client operating system that will provide security updates and support from Microsoft

ANTI-VIRUS AND MALWARE SOFTWARE: **AT RISK**

Comments: The current anti-virus/malware detection software being used increases overhead on each laptop and desktop by 40% and only finds about 10% of viruses and malware.

FIREWALL: **FAIL**

Comment: The organization is currently using stateless firewalls and need a firewall that can monitor end to end and keep track of the state of the network at all times.

The CEO is just as concerned about these findings and would like for you to write up a proposal (recommendations) on how to fix the issues and increase the company's security.

Criteria for this Assignment

1. 600 – 800 words. Must be a minimum of 600.
2. You must provide at least two scholarly references for each of the three problem areas listed above to support your proposal.
3. APA formatting and in-text citations required and this must be written at a scholarly level

There are a number of solutions to consider. The key to this assignment is to understand why the above can no longer exist in their environment today and what are the benefits of your proposed recommendations.

Grading

This final paper is worth 100 points