Company Security Report

Due date: Friday 5th October 2018 at 23:59

Please note: This is a <u>research</u> assignment **not** an implementation assignment. i.e. you are gathering information through research. You **must not try to hack** into a company to find vulnerabilities.

This assignment will be split into <u>three tasks</u>. Each task is worth one third of the overall marks for the assignment.

Assignment Specification

You have started working in an FTSE/ISEQ listed company (this will be assigned to you). This company has received a directive from its CEO to increase security awareness. You have been asked to compile a report for the company. The detail of the report is defined to include the following task (*this specification will be updated to include task 2 & task 3 in two weeks time*):

Task 1:

Describe the business that your assigned company is involved in. In particular identify their assets that will need most protection (their "Crown Jewels") such as client lists, current product pricing, future acquisitions, safety, intellectual property etc.

The company is concerned about its internal security awareness. You must:
- Identify at least four websites where you can get details of the most current malware threats.
- Compile a list of eight of the most recent threats which may be of specific interest to the company, including the following information:
    o The risk analysis of the threat
    o What type of threat it is
    o How it works
    o How you can remove it

The CEO is concerned about ransomware so you must detail the use of ransomware in online attacks.

Submission Criteria

Your report should be between 1000 and 2600 words and should have accompanying diagrams and graphics to support your findings and conclusions. The report must be completed individually.

NOTE: **Any content copied and pasted will be discarded**; all work must be your own. The report should be **12pt New Roman font, single line spacing**. Your report should include a title page, table of contents, page numbers and bibliography.