

# Case Study

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## Issues of modern-day security

### Background

The issue of modern-day security and the rise involving such. The current state of the internet I like to consider the turning point from wild west territory to regulated functionality. The current state of the internet and the devices involved in it is somewhat new and very vulnerable in areas of security with constant changes to security. The current employment in Cyber Security is in the negative with demand being extremely high.

### Solution

There is current work being undertaken to prevent a security breach on a large scale but there are still niche areas and depending on the skill level of the attacker most anything can be breached. For business more than individuals breach is a large problem now. Businesses are taking large countermeasures especially large entities like Google. The common countermeasure is to employ security professionals. Commonly a lot of businesses are increasing security staff as time goes on or creating security teams that did not exist prior. Though private business has a large concern with security the government is also largely involved. The government has a large concern in security but in some cases, many

professionals lean towards private business as there is more money involved. Some laws have been changed as time goes on involving security as it is a fairly new area of concern. Some risk assessment frameworks have been sold and released to many businesses and individuals. One example of this is the CBC Risk Management Framework many of these risk management plans help businesses locate and prepare for possible inner and outer vulnerabilities. These plans are largely distributed and are a large forefront of security in larger and smaller businesses. Something to note involving the area is that some individuals and businesses create security assessments themselves, so it is up to the individual or business to choose which route to follow.

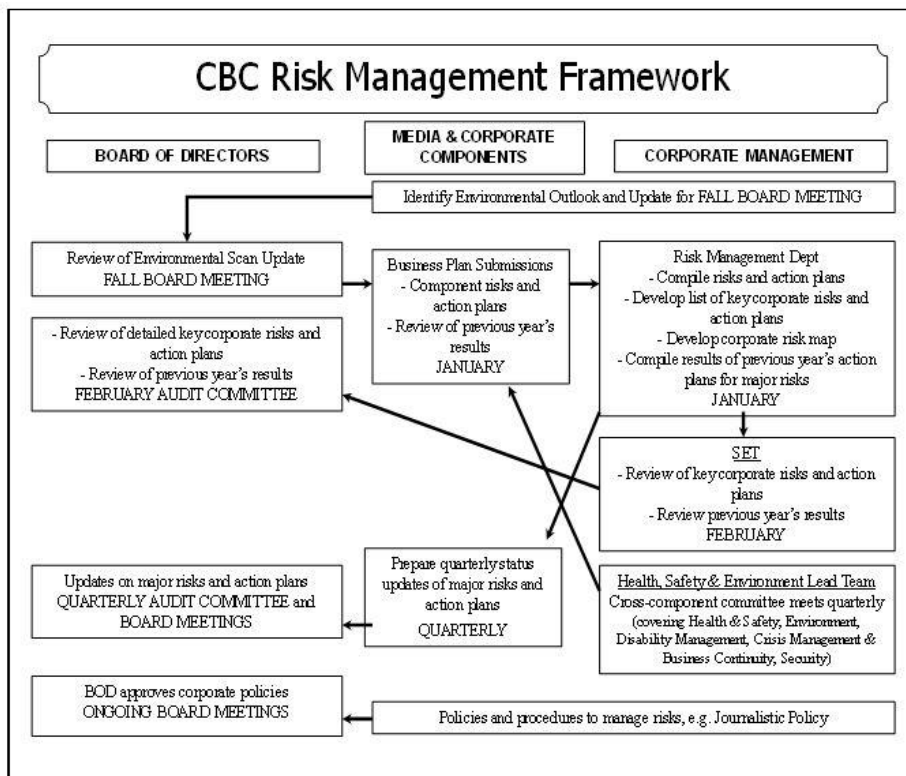


Figure 1

## Key Findings

Key findings over this case study include the significance of security, especially in private business. The amount of money that is being pushed into security by business is around “\$124 billion in 2019” (“Cybersecurity Outlook 2019: Sector Growth to Soar | INN,” 2018). The rise in security is only going to increase in the upcoming years and will keep on rising until a groundbreaking discovery or a lack of attackers becomes a reality. The government has taken some actions to prevent some actions through actions of law but commonly attacks are out of the country

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## Sources

*Cybersecurity Outlook 2019: Sector Growth to Soar* / INN. (2018, December 18). Retrieved from <https://investingnews.com/daily/tech-investing/cybersecurity-investing/cybersecurity-outlook/>

Nasdaq. (2018, June 25). *Cybersecurity Industry Report & Investment Case MarketInsite*. Retrieved from <https://business.nasdaq.com/marketinsite/2018/GIS/Cybersecurity-Industry-Report-Investment-Case.html>

### FIGURE 1

Policy 2.3.32: Risk Management • CBC/Radio-Canada. (n.d.). Retrieved from <http://www.cbc.radio-canada.ca/en/reporting-to-canadians/acts-and-policies/management/finance/2-3-32/>