MK Agents

Cybersecurity Report

IT Security is a key component of business in the modern day. Every business is at risk of a cybersecurity attack, no matter the scale or the type of data stored and used. In the United Kingdom, the yearly cost of cybercrime is estimated to be between £18 billion and £27 billion (jonesday.com, 2014). This means that there are huge savings to be made country-wide relying on the prevalence and implementation of cybersecurity.

Some of the common security risks to businesses include the following:

* Malware attacks
* Social engineering
* SQL injection
* Ransomware
* Cross-Site Scripting (XSS)
* Phishing
* Denial of Service attacks

Many of these security risks are linked and often go hand in hand. SQL injection, for example, is only a method for attack. Some major outcomes of this attack include; (Halfond, Viegas and Orso, 2006)

* Database denial of service (DoS)
* Data extraction
* Data destruction
* Authentication bypass

Below is a Hierarchy chart showing how some attacks can link to other risks.

Bibliography:

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