

Computer Security

Computer sceince

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## Investigation on current threats

### Types of threats

First we need to understand the amount of current threats and how many different types of threats there are. A threat can come in the form of hacker hacking into your system to retrieve all of you information and your customer information cleaning out your company and them loosing the customer information. Another way could be that someone find s a way to watch you company and then just watching what you do and always keeping a step ahead of you. Another threat could be be as simple of getting a malicious virus into your system and them it deleting various information crippling your company until you have been fixed. We will first be filtering and speaking about the many threats and circling down to the most current and imposing threats that we have in this day and age. We will also be talking on how to prevent this and way to always to stay in front of the threats.

### Computer virus

This is probably the most well known threat to people and it something most people do not like to hear when it comes to there computer because what the virus can do to the computer. What this is a program that is written to alter the way the computer performs, loosing control of a computer system especially in a big company can be disastrous even more so now because of how heavily reliant modern companies rely on computers. The virus became such a threat due its regards to permissions and security penetration capabilities it can do what it wants, once it is in your system, but this can be solved by having a good firewall and anti-virus system, but in big company loosing a couple seconds could cost billions. What it does basically in the computer system is it replicates and executes its instructions.

### Spyware threats

This is a potentially devastating threat, this is something that can bring down some of the largest companies, what spyware does can be guessed by its name. The spyware and tracks and records what you do on the internet, this could include private information credit card details or customer information etc. and again like the previous threat this doesn’t need you permission to do this. In a one off account where it happens only to one person it can terrible for a large scale company the consequences can be disastrous and a company recovering from an attack like this is minimal.

### Hackers and predators

This threat that is directly from the humans, there are people that create malware and hack in systems for there own benefits, this can be for information they want or entering system to make them work however they want to work. This threat is very dangerous, some of the most secure systems in the world have been hacked in the military systems. This is known as cyber terrorism, the information taken will used for their own gain, but the criminals can be caught and can face lengthy prison sentences.

### Phishing threats

This threat is probably one of the most direct and out right evil threats there are just of the nice front that will be presented to you. This could come a nice phone call telling you give your computer system details, this might seem to be easily avoidable but it has affected millions because of the how much information the general public has on computer security.

## Threats prioritized

## Vulnerabilities

## Policies

## standards/guidelines