

# Cybersecurity Threats and How to Prevent them

## Malware

Attacks a system through email attachments, software downloads or operating system vulnerabilities

### Preventive Measures

- Keep your system's anti-virus updated
- Avoid downloading email attachments from unknown sources

## Drive-by download

A malware gets unintentionally downloaded to your system and it exploits the vulnerabilities of the operating system

### Preventive Measures

- Keep your operating system and other programs updated
- Avoid using too many browser add-ons.

## Denial Of Service Attacks

Your site is bombarded with a huge amount of bot traffic making it dysfunctional

### Preventive Measures

- Updating your system's security regularly is very crucial
- Online monitoring of data flow for any unusual spike in traffic

## Man In The Middle

A person intercepts communication between the bank and the customer & steals all the sensitive information from both the ends

### Preventive Measures

- Use a VPN that adds a layer of security in the communication
- Use an https connection that verifies the security certificate of the site owner

## Phishing

Phishing emails request for data that appears to come from your trusted third party.

### Preventive Measures

- If you have doubt over a specific email, always cross check with the sender which is asking for your sensitive information

## Payment Fraud

Hackers pose as legitimate representatives of banks and ask for your sensitive information through emails, instant messaging or phone calls.

### Preventive Measures

- Encrypt transactions and emails that contain confidential information
- Keep your anti-virus software updated
- Integrate only verified payment processors