

WHAT EVERY BUSINESS SHOULD KNOW

CYBER ATTACK TYPES

PREVENTION IS BETTER THAN CURE

MAN-IN-THE-MIDDLE

(MITM) attack involves intercepting secure communication between two parties, like a business and a client. During a MITM attack, the hacker can see, read, and manipulate all data being shared and you may not even be aware that he's there

MALWARE

Various malicious software. The attacker exploits a network vulnerability to install the malware on someone's system, and in most cases, the victim is unaware of its presence

DISTRIBUTED DENIAL-OF-SERVICE

(DDoS) attack can shut down your website, servers, and other IT systems. It does this by overwhelming your resources with a huge number of requests. This slows down or collapses the server or website purely because of the volume. It can also prevent legitimate users or visitors from accessing your website and network resources.

ZERO-DAY

When a hacker is aware of a security vulnerability in an organisation's system, but it isn't yet patched or identified by the developer. The hacker uses this security gap to gain access to their systems before they've had a chance to patch it

PHISHING

The attacker sends you an email pretending to be a person or business that you know and trust. The email typically contains a malicious link or attachment that, once clicked or downloaded, installs malware onto your device or gives the attacker access to your account

CRYPTOJACKING

Involves illegally accessing someone's computer to mine for cryptocurrency. An attacker may cryptojack your system through online ads, JavaScript codes, or malicious websites. The only telltale sign is that your system slows down considerably

WATERING HOLE

Targets a particular individual or organisation, first by identifying the websites they routinely visit, and then by infecting one or more of them with malware. When the victim visits one of the infected sites, their system is immediately compromised.

SQL INJECTION

Is possible when a website uses SQL to maintain backend databases. The attacker inserts a malicious SQL query into the site's search box, which enables the attacker to gain unauthorised access to the database tables. The hacker can then manipulate, modify, or even delete this data.

SECURE YOUR DATA

At JEC Tech, we provide a free cyber fit assessment to help you determine the strength of your organisation's cybersecurity and identify the gaps and vulnerabilities in your network.

Get in touch today to schedule a free cyber fit assessment for your business.