



DIACOM CYBERSAFE



Keep your business safe with Diacom Cybersafe.

Cybercrime prevention is the fastest growing area of our business due to the exponential growth of threats as Europol recently stated “the growth of cybercrime is relentless”

Hundreds of thousands of attacks taking place each and every day. The financial and reputational damage caused by data loss and downtime can have a devastating impact. Protecting your company’s data, infrastructure and reputation is more crucial than ever. *Diacom* has developed a total and affordable protection service *Diacom* Cybersafe.

We can provision an end to end security solution, our service allows you to sleep safe in the knowledge that every laptop, desktop, server and storage device related to your business is protected with the most intelligent technologies in existence.



Pillars of Protection:

Anti-Virus

If your computer isn't fortified against the most recent viruses, you leave your system wide open for every bug, worm, and virus floating around the Internet. These debilitating bugs and viruses can cause your computer to malfunction. They may also make your computer vulnerable to identity thieves and hackers.

Anti-virus software, protects your computer from these widespread varieties of viruses. Once a virus has invaded your computer, it can attack a number of system components such as email, program files, macro and data files, and several other components.

Anti-Spam

Spam. In the first quarter of 2017, spam comprised 59.2% of email traffic! Of course, it doesn't just annoy the end user, it also interrupts business productivity. Worse, spam is a security risk; bringing with it any number of phishing or malware attacks. Because spam is plentiful and comes in many varieties designed to confuse and manipulate the recipient, it is important to first implement a powerful anti-spam system. Criminals are stealing identities and hijacking systems using blended attacks that use spam to lead users to web sites compromised with Trojans, spyware, and exploit code.

Employees are often unaware of the potential implications of exchanging personal emails, opening emails from an unfamiliar source or clicking on links received within them, which may take them through to harmful websites.

Intrusion Protection

An Intrusion Prevention System (IPS) is a network security/threat prevention technology that examines network traffic flows to detect and prevent vulnerability exploits. Vulnerability exploits usually come in the form of malicious inputs to a target application or service that attackers use to interrupt and gain control of an application or machine. Following a successful exploit, the attacker can disable the target application (resulting in a denial-of-service state), or can potentially access to all the rights and permissions available to the compromised application.

Malware – Crypto Virus, Ransomware

Malware, short for malicious software, is any software used to disrupt computer or mobile operations, gather sensitive information, gain access to private computer systems, or display unwanted advertising. Malware is defined by its malicious intent and is intended to steal information or spy on computer users for an extended period without their knowledge.

Hackers use malware for any number of reasons such as, extracting personal information or passwords, stealing money, or preventing owners from accessing their device. You can protect yourself against malware by using anti-malware software.

CryptoLocker is a ransomware Trojan that targets computers running Microsoft windows. CryptoLocker is a new family of ransomware whose business model (yes, malware is a business to some!) is based on extorting money from users. This continues the trend started by another infamous piece of malware which also extorts its victims, the so-called 'Police Virus', which asks users to pay a 'fine' to unlock their computers. However, unlike the Police Virus, CryptoLocker hijacks users' documents and asks them to pay a ransom (with a time limit to send the payment).

With the increased popularity of ransomware on PCs, there has also been a significant increase in the volume of ransomware affecting smartphones, particularly Android devices.

Web-filtering

A Web filter is a program that can screen an incoming Web page to determine whether some or all of it should or should not be displayed to the user. The filter checks the origin or content of a Web page against a set of rules provided by company or person who has installed the Web filter. A Web filter allows an enterprise or individual user to block out pages from Web sites that are likely to include objectionable advertising, pornographic content, spyware, viruses, and other objectionable content.

Back-up and Disaster Recovery

Clients first line of defence against cybercrime is having a defined back up strategy which incorporates disaster recovery in the event of a major issue

occurring. Disasters do happen and particularly to IT systems. They are unpredictable and whilst fires and floods grab the headlines they don't happen very often. The most common IT disasters are caused by human error and systems failure. Your business's cost and the reputational impact of an IT incident will be down to how well you plan your Disaster Recovery. Let *Diacom* assist you with defining a complete back-up and disaster recovery solution for you.

Keep your business safe with Diacom.

Here is a small worrying sample size of the current statistics:

In 2016, Ransomware attacks increased 5-FOLD

European Commission believes cybercrime is currently costing businesses €500 BILLION per year and will reach €2 trillion by 2020

1 in 5 Irish firms have experienced Cybercrime in the last 2 years

Diacom start with a free IT security audit where we will attempt to find answers for the following questions:

- How safe is your IT environment?
- When did you last perform a health check?
- When did you last update your anti-virus, or evaluate any current exposures to Malware/Ransomware/Firewall Safety/Anti-Spam?
- What is your offsite Back up policy?

Contact us for a free evaluation.

Contact sales today on (01) 419 5959 or email sales@diacom.ie



DIACOM CYBERSAFE



DIACOM VOICE



DIACOM CLOUD21



DIACOM HOSPITALITY



DIACOM TOTAL NETWORKING



DIACOM AUDIO VISUAL