" 2/3rds of UK businesses were hit by a cyber breach or attack in the past year. "

GOV.UK

Don't turn away. Turn over...

IT Security Guide

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" **Cyber crime cost UK businesses more than £1bn in the past year** "

- *Action Fraud*

" **Security incidents targeting UK companies increased by 22% in the last year** "

- *Action Fraud*

" **2.11 million victims of cyber crime in the UK every year** "

- *Office of National Statistics*

" **54% of UK businesses have been targeted by ransomware** "

- *Osterman Research*

Content Overview

01 Why you need IT Security

From malware to phishing emails your business faces daunting security risks that pose frightening threats on a daily basis.

02 Cyber Essentials

By focusing on basic cyber hygiene, your company will be better protected from the most common cyber threats.

03 Malware & Ransomware

54% of businesses have been targeted by malicious Malware or Ransomware attacks, learn how to keep your business protected.

04 Start with a Security Audit

A thorough audit will highlight any potential hazards or weaknesses within your network.

05 Managed Anti Virus

Our anti virus software provides the highest level of security against ransomware, malware and spyware.

06 Spam Filtering

The safe way to detect and defend against spam, malware and viruses exploiting vulnerabilities in your network.

07 Next Generation Firewalls

Take control of your business with our next generation firewall.

08 Remote Management & Monitoring

Effectively secure, manage and maintain your business IT operations with remote management and monitoring software.

09 Backup

Protect your business from mass data loss with simple and secure business data backup.

10 Business Continuity & Disaster Recovery

Critical business data is protected against all eventualities and can be easily recovered should the unthinkable happen.

01 Why you need IT Security

What would you do if you lost EVERYTHING?

From malware to phishing emails your business faces daunting security risks that pose truly frightening threats on a daily basis!

Attacks happen at an alarming rate with new malware and ransomware variants developing almost every day – think your business is safe? Think again...

Multiple studies suggest businesses across the UK are not prepared for the many threats posed online! Global brands including Apple, Yahoo and Sony have all experienced major security breaches in recent years, which proves nobody is safe! These big businesses may bounce back, would yours?

Implementing the wrong technology can be costly for businesses of all sizes; luckily this guide offers a number of successful mitigation strategies to help improve online security...

Mark Wilkinson
Use it Computers

74%
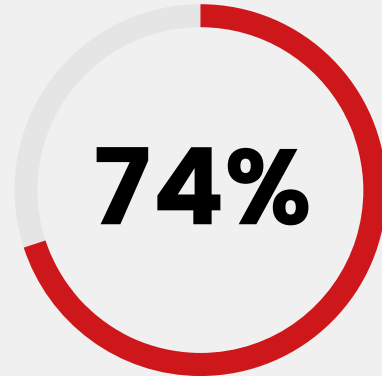
of small businesses in the UK experienced a security breach in the last year.

59%
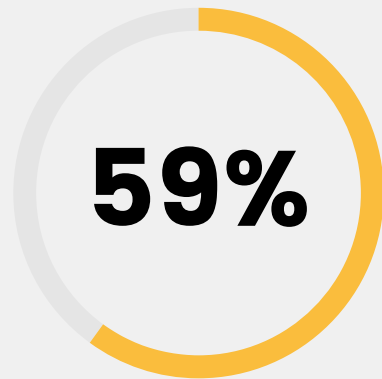
of businesses expect there to be more security incidents in 2016 than 2015.

- sourced from gov.uk

www.use-it.co.uk

02 Cyber Essentials

What is Cyber Essentials?

Cyber Essentials is a new Government backed scheme to help businesses protect themselves against cyber threats.

As internet usage grows, so does the opportunities for hackers to commit fraud, or steal intellectual property. Cyber attacks cost organisations like yours thousands of pounds and cause lengthy periods of disruption.

"By focusing on basic cyber hygiene, your company will be better protected from the most common cyber threats"

- Gov.uk

Here at Use-It, we can help you achieve the Cyber Essentials accreditation. Once achieved, your business can display the Cyber Essentials badge and demonstrate that it takes cyber security seriously by adhering to a widely endorsed standard.

Should I get Cyber Essentials?

Cyber Essentials helps prevent the vast majority of cyber attacks. Even a simple virus or piece of malware could result in loss of company and client data, disrupt your cashflow and take up staff time. An attack could also put off your customers, stop you trading and damage your hard-earned reputation. It could also be reported in the local media. Loss of data could breach the Data Protection Act and lead to fines or prosecution.

A Cyber Essentials badge will...

✓ Protect your organisation against common cyber threats

✓ Show your customers you take this issue seriously

✓ Enable you to bid for Government contracts.

Commonly asked questions:

1. What size is your business?

2. Have you activated the firewalls on your personal computers and the devices that connect your computers to the internet?

3. Have you changed any of the default settings in firewalls either on your PC or in your router?

4. Have you removed any software applications that you do not use from your PC/PCs?

5. Do you run anti-malware programmes on all of your computers that connect to the internet, including mobile devices?

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03 Ransomware & Malware

You've probably heard the term 'virus' being thrown around online and we all know viruses are bad - but how can you protect your business from them?

Viruses are a type of malicious software - or malware - that are specifically designed to attack your devices (including phones and tablets) to manipulate and/or cause damage to them. Malware can take the form of worms, trojan horses, spyware, adware and more, but perhaps the most prevalent malware threat to your business is ransomware.

What is Ransomware?

Although not a new threat, Ransomware - a computer malware - has rapidly risen in popularity as a method of attacking businesses. The term 'ransomware' refers to a malicious attack, which takes control of a targets computer, encrypting all the data on it and rendering it inaccessible.

Millions of malware infections are looking for vulnerabilities to exploit

Can it be avoided?

By educating employees and investing in sophisticated IT security features your business can minimise the risk of Ransomware attacking corrupting your network.

"**Ransomware and crypto malware are rising at an alarming rate and show no signs of stopping**"
*- Intel*

The malicious software is generally passed on through infected email attachments. Once your computer is attacked it begins encrypting files on the infected computer, once all the files are encrypted it posts a message asking for payment to decrypt the files - at the same time usually threatening to destroy the data if payment is not made.

Ransomware attacks have become more and more frequent. Research by Datto, has shown that businesses aren't as concerned as they should be about ransomware - thus making them even more vulnerable to an infection. The leading cause of ransomware attacks are malicious emails - coupled with a lack of employee cyber security training.

"Ransomware infections in the UK tend to be more widespread than they are in other nations, and ransomware had much more of an impact on the ability of UK organisations in terms of loss of revenue"
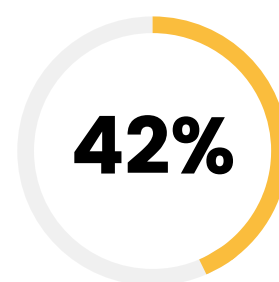
- Malwarebytes

40%
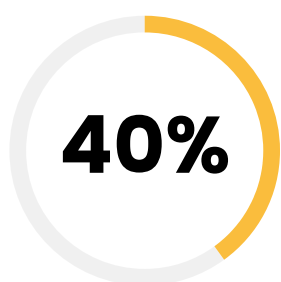
of businesses have experienced 6 or more attacks in the last year

95%

of IT service providers say ransomware is becoming more frequent

42%

of businesses paid the ransom

- Sourced from Datto

How you can protect yourself...

1. Back up regulary

Whether or not your business can recover from a ransomware attack largely depends on whether you have a good backup policy in place. Backups are the most reliable method for recovering infected systems.

3. Take a layered approach

Whether or not your business can recover from a ransomware attack largely depends on whether you have a good backup policy in place. Backups are the most reliable method for recovering infected systems.

2. Keep your systems up to date

Whether or not your business can recover from a ransomware attack largely depends on whether you have a good backup policy in place. Backups are the most reliable method for recovering infected systems.

4. Have a good disaster recovery plan

Whether or not your business can recover from a ransomware attack largely depends on whether you have a good backup policy in place. Backups are the most reliable method for recovering infected systems.

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" Technology infrastructures change over time - opening you up to new vulnerabilities "

New methods of attack are invented daily, so what was secure yesterday may not be secure today.

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04 Start with a Security Audit

A thorough IT audit can be a costly and time-consuming task, with Use IT Computers we can make it quick and easy.

Understand your IT system

It's important you know the ins and outs of your IT setup, especially if you're planning modifications and upgrades.

Solve Performance Issues

Recognise and resolve network problems including routing loops and slow servers.

Reduce Support Issues

Ensure all computers on your system are running up to date software.

Security

Detect weaknesses in your IT infrastructure and ensure all IT security systems are up to date and working effectively.

Get the best from your IT system

Improve efficiency and performance of your IT setup with a basic security audit.

Our basic Security Audits follow 3 simple stages:

Review ▶ Audit ▶ Report

1. **Review Meeting**
   One of our expert technicians will meet with you to discuss your business needs and your current IT infrastructure.

2. **Audit**
   We'll then carry out the audit benchmarking your current IT setup against current industry best practice!

3. **Audit Results**
   We'll present all our findings in a detailed report highlighting any dangers and recommending potential improvements.

Auditing Options:

✔ Health checks

✔ Detailed reports covering hardware, software, networking, communications and security.

✔ Interpretation of the results

✔ On-going reports

✔ Remote monitoring

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" The best in business IT security. "

A seamless security solution like no other designed to help keep your business protected and downtime at a minimum...

F-Secure.

05 Managed Anti Virus

What is it?

F-Secure business security solutions go beyond malware protection. Over 25 years of research and development have gone in to producing seamless security solutions for businesses of all sizes.

"161,644 Incoming attacks per day – are you ready for the fight?"

– F-Secure

Offering much more than anti-virus protection, F-Secure protects millions of businesses worldwide from emerging threats within 60 seconds of detection.

Unlike other managed anti virus software on the market F-Secure is easy to use, updates automatically and has minimal impact on system performance.

How does it work?

With full range server protection, browsing controls, end-to-end security and more F-Secure provides businesses with layered protection from gateway to endpoint.

- Device & Server Security
- Mobile Security
- Patch Management
- Virtual Security

What does it feature?

Eaque sumquiae sunt et....

- ✓ **Virus Protection**
- ✓ **Automatic Updates**
- ✓ **Malware Removal**
- ✓ **Safe Usage**
- ✓ **Easy Installation**
- ✓ **Real Time Response Guarantee**

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" Email is the lifeblood of most companies, but it's also highly insecure. "

Effective spam filtering can help protect your business from spam and malicious malware.

solarwinds

06 Spam Filtering

What is it?

Email continues to be the main form of communication for businesses and because of this it is highly vulnerable to cyber attacks! Therefore having another layer of defence is incredibly important.

" 93% of phishing emails now contain encryption ransomware. "

– Digitaltrends.com

Specialist spam filtering is a safe way to detect and defend against spam, malware and viruses exploiting vulnerabilities in your network.

How does it work?

Our spam filtering is a cloud based service which provides offsite scanning of incoming and outgoing emails. This removes any threats before they get to the internal network and makes it more difficult for cyber criminals to hack your business network.

Our service is a unique combination of anti-malware engines, and provides an effective line of defense against spam and email borne malware threats and helps ensure your business has secure email at the ready.

Reduce Spam...

✔ **Fingerprinting**

Compare incoming messages against characteristics of known spam messages to identify spam, phishing and more.

✔ **Advanced Analysis**

Assess the authenticity of messages, checking for clues about who sent the email and how.

✔ **Real-time Message Source Analysis**

Check the patters and volumes of email flow from the source mail servers to detect if someone is actively spamming you.

" The fastest, most reliable, most agile firewall in the industry. "

Protect your business from costly network attacks with WatchGuard's Next Generation Firewall – enjoy complete control and real time protection.

WatchGuard®

07 Next Generation Firewalls

What is it?

Take complete control of your business network security with WatchGuard's next generation firewall. Intrusion Prevention Service technology lets you monitor network traffic, gives you real time protection and complete control to block network or application attacks.

How does it work?

Regular updates give you real time protection and WatchGuard®'s Intrusion Prevention Service works alongside application layer content inspection to monitor system activities.

" The easy way to shut intrusions down. "

- WatchGuard

With WatchGuard® you're in complete control, even when you need to scale up! WatchGuard gives you highly flexible control to keep your business network flowing and your environment safe.

Outstanding Security

The best in class security service minus the cost.

Performance

The fastest, most agile platform in the industry

Simple to Use

Simplicity is the key to successful adoption of technology.

Future Proof

Stay one step ahead with regular updates.

www.use-it.co.uk

" Operate more efficiently and securely "

Remote monitoring minimises efforts and expenditure and reduces costly network downtime.

solarwinds

08 Remote Management & Monitoring

What is it?

Our remote management and monitoring package helps ensure that small-medium sizes businesses IT operations run efficiently and safely.

"Prevention is always better than cure."

We monitor your software and hardware and can also provide early warnings of possible security problems - allowing you to deal with any impending issues promptly.

How does it work?

Our remote management and monitoring service provides multiple layers of cyber security to protect your business from all threats! With antivirus, web protection, device discovery and more you can feel comfortable about your IT security.

Helping to make your life easier we take care of important IT maintenance on your behalf. Automatic health checks, critical patch updates and regular alerts are consistently performed to keep your system up to date.

Unlike other remote monitoring and management tools our remote management and monitoring service is optimised and compatible for most platforms including Windows, Mac, and Linux platforms.

Fully supports:
Windows, Mac & Linux

What does it feature?

You'll have access to...

✔ **Patch management**

✔ **Web protection**

✔ **Prescriptive data analytics**

✔ **Data breach risk intelligence**

✔ **Managed antivirus**

✔ **Remote access**

✔ **Automated monitoring and maintenance**

✔ **Mobile device management And more**

Analyses over
2 Million Endpoints
in real time!
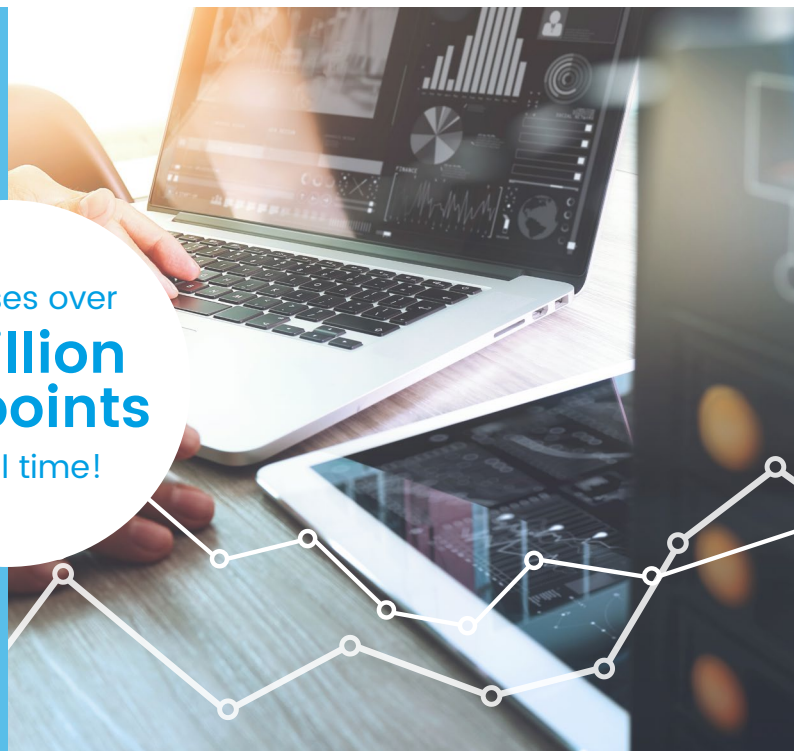
"3 in 10 people never back up their data. "

Data is essential to the smooth running of any business. Protect your business from mass data loss with simple and secure business data backup.

datto

09 Backup

What is it?

Protect your business from mass data loss with simple and secure business data backup.

The importance of protecting your data in the event of a disruptive situation is greater than ever with just 6% of businesses expected to survive long term having suffered a major data loss.

" 96% of all business workstations are not being backed up effectively."

- Contingency Planning & Strategic Research Corp

Why you should backup

Data is essential to the smooth running of any business, as a result, data loss can be catastrophic. Data loss can happen in a number of ways. The most common cause we come across is the physical failure of your PC, however data loss can also occur as a result of theft, accidental error or disasters like fires and floods.

Are you prepared if the worst was to happen? 7 out of 10 small firms that experience a major data loss go out of business within a year (DTI/PriceWaterHouseCoopers) - so don't overlook the importance of data backup.

Data loss costs the UK

£10.5 Billion

Per year!

- EMC Global Data Protection Index

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"Business Continuity, going beyond data protection."

Prepare your business for when the unthinkable happens – business continuity and disaster recovery will help prevent costly downtime.

datto

10 Business Continuity & Disaster Recovery

What is it?

When downtime isn't an option make sure you prepare your business before disaster strikes!

Business continuity and disaster recovery plans increase the chances of restarting normal business operations with minimal disruption following a disaster.

"Around 50% of all businesses without an effective plan for recovery close within 12 months after a disaster."

- Gov.uk

Where do I start?

It begins by compiling an inventory of hardware (e.g. servers, desktops, laptops and wireless devices), software applications and data. The plan should include a strategy to ensure that all critical information is backed up.

We can help you identify critical software applications, data and the hardware required to run them. We can also ensure that copies of program software are available to enable re-installation on replacement equipment.

Here at Use It Computers we can help you develop a business continuity plan and employ recovery strategies to restore hardware, applications and data.

What does it include?

✔ **Off site backups**

✔ **Minimal risk of corrupted backups**

✔ **Eliminates downtime**

✔ **Automated screenshots are taken**

✔ **Each backup is saved in multiple locations**

Customer Security Overview

	Yes	No / Don't Know	
Remote Management & Monitoring			
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
Malware & Ransomware			
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
Managed Anti Virus			
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
Business Continuity & Disaster Recovery			
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
Next Generation Firewalls			
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
Spam Filtering			
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
Backup			
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐
Business Continuity & Disaster Recovery			
• Quibusdam et aut officiis debitis aut rerum necessitatibus?	☐	☐	☐

Are you prepared for the fight? Up your IT security game today...

If you answered No/don't know to more than 5 of these questions then we advise you to book
a free 1 hour consultation with one of our It experts!

For more information on our IT security packages give our experts a call on **01254 877009**
and we'll help provide the best solution for your business, don't delay!

📞 01254 877009

✉ info@use-it.co.uk

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Blackburn, Lancs BB1 4LA

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