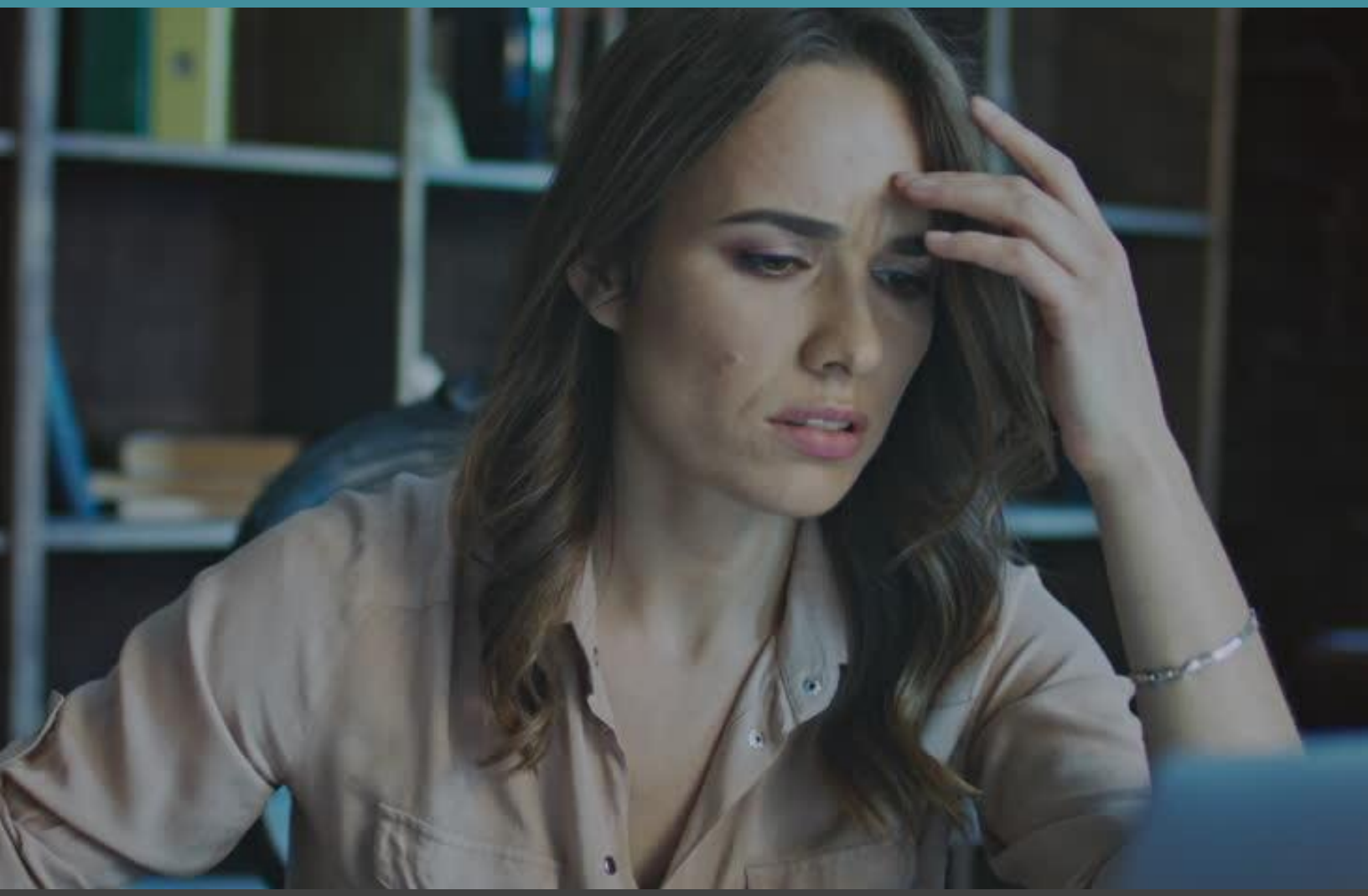

Essential Guide to Cybercrime Protection

Every small business needs complete, layered security solutions

iso systems UK
Concept to Certification

Cybercrime isn't going away

We have been assessing various products on the market and in particular products from Cisco®.

To protect your company, you need to secure four key areas:

Area #1: People

You need to make sure that the people who access your systems are who they say they are. **Cisco Duo** helps ensure that only authorised people are accessing your network. It helps protect your sensitive data by verifying the identity of users, devices, and applications with secure two-factor authentication.

Area #2: Devices

People get on your network in multiple ways. If you have a mobile or remote workforce, they may be connecting from an office, a home laptop, or a mobile device. **Cisco® Advance Malware Protection (AMP)** for Endpoints detects and blocks malware and viruses across employee devices. If malware gets on any user's device, it can then spread through your network. So you need advanced malware protection for all of your devices and critical servers.

Area #3: Email

Virtually every business uses email. And every day, people inadvertently click malicious links or open harmful email attachments that download ransomware. **Cisco Cloud Mailbox Defense** is a cloud-native email security platform for Office 365 that you can set up in five minutes. It doesn't change email flow or delivery while it's busy spotting spam, phishing, or known malicious attachments.

Area #4: The Network

Once malware finds a way in, it spreads across your network, and encrypts your files or takes down critical systems. The Internet and networks don't work without the Domain Name System (DNS) to route data, and neither does most ransomware.

Cisco Umbrella® provides flexible, fast, and effective cloud-delivered security that blocks requests to sites hosting ransomware. Attackers use DNS to control the attack, so if you protect your network DNS, you can stop ransomware in its tracks.

Cisco Meraki® MX appliances offer simple cloud management with security features such as firewalling, content filtering, intrusion detection, and more.

The state of cybersecurity.

Where are we now?

Small businesses need complete, layered security solutions because no one technology can prevent or eliminate cyberattacks by itself. To defend against cyberattacks, it's important to look at the various points of entry and spread to make sure your business is protected.

What is Ransomware?

Ransomware attacks can be particularly devastating because they can literally take your business hostage, and many companies do not survive. Malware locks up data, taking control of systems and holding them hostage until the owner pays the ransom to free them.

The average cost to recover from a ransomware attack is **£60,507.30**

It is estimated that by 2021, there will be a cyberattack every **11 seconds**

If your small business can't withstand extended downtime or afford to pay thousands of dollars in ransom, you aren't alone. Ransomware attacks have caused a number of small businesses to shutter completely.

Can I add security if I hire more employees?

Nearly all security solutions are delivered from the cloud so you can easily scale up your security as you add more locations, employees, or devices. Solutions that scale are particularly important as more employees work remotely and your IT needs increase, decrease, or change. Cloud-based products simplify installation and management without the need for a large IT staff.

OUR SOLUTIONS

To help you manage your information security

ISO 27001 | Information Security Management

Businesses wanting to protect company / employee / customer data should hold this standard. Furthermore, it's a distant relative of mandatory GDPR regulations.

www.isosystems.org.uk/27001

ISO 27701 | Privacy Management Extension

ISO 27701 is based on the requirements, control objectives and controls of ISO 27001, and includes a set of privacy-specific requirements, controls and control objectives.

www.isosystems.org.uk/27701

BS 10012 | Personal Information Management

All organisations work with personal data, whether it belongs to your employees or your customers. Recent legislation means that protecting that personal information is becoming increasingly important.

www.isosystems.org.uk/10012

Cyber Security Training Programme

Set the most effective schedule for your employees to complete this security awareness training program split into 25-bite-size videos.

www.isosystems.org.uk/thelearninghub

www.isosystems.org.uk

We hope you found this guide useful and that it gives you some simple solutions on how you could protect your business from cybercrime.

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