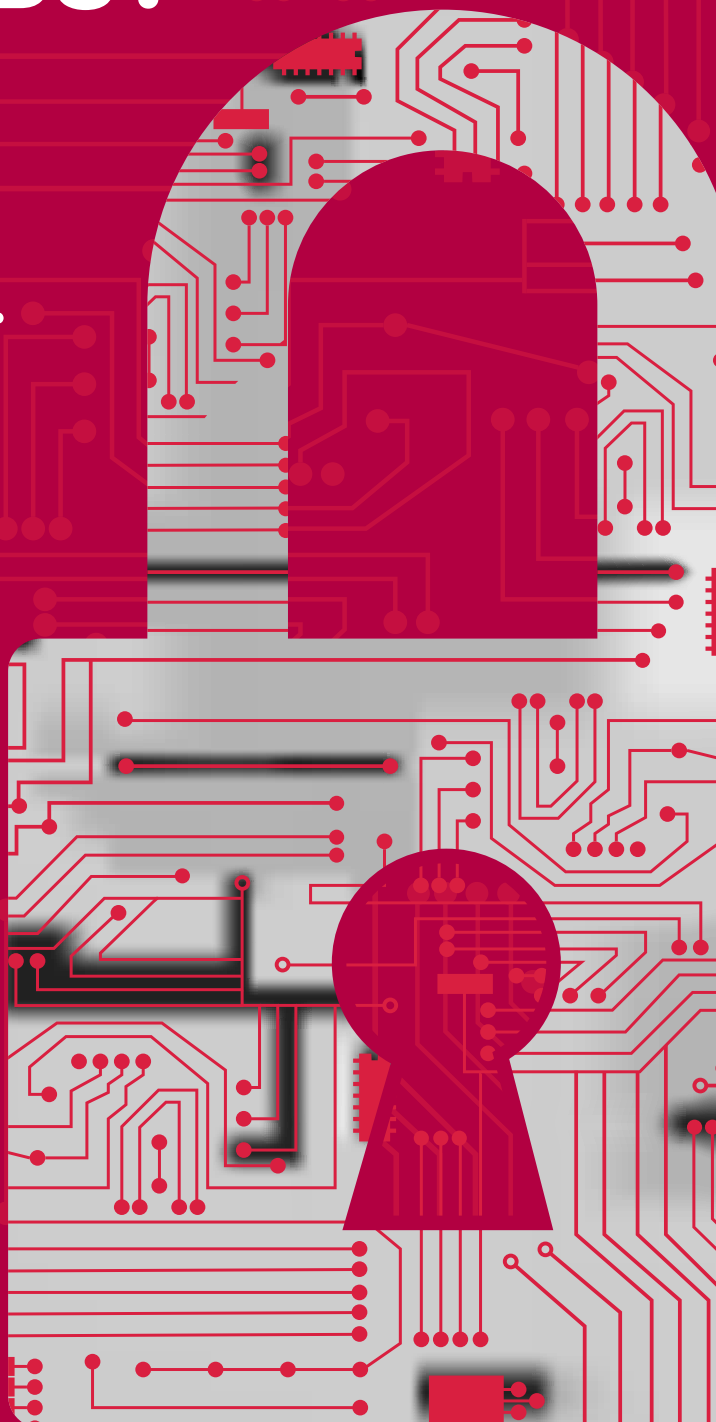


ZYXEL

What does GDPR mean to SMBs?

**Trust Zyxel.
Your Networking Ally.**



GDPR. Protect your business

The threat of cyber-attacks from Ransomware and Malware on businesses is real.

Now that GDPR (General Data Protection Regulation) is also in force it's even more important than ever that businesses implement the right level of network security and protect their own and customer data.

Many businesses mistakenly think that GDPR does not apply to them, while others are ignoring it and hoping it will go away. This is not the case - as all businesses need to comply.

The regulation replaced the data protection laws of individual countries helping to clarify and consolidate these laws into one. With these changes comes the requirement for more stringent business network security.



What is GDPR?

GDPR replaced the Data Protection Directive 95/46/ec and sets out minimum standards for the protection of EU Citizens' personal data and the free movement of data within the EU.

Companies have a legal obligation to be compliant. The regulations will apply to each member of the European Union and post Brexit UK. The regulation also extends the jurisdiction to all companies that process personal data of persons residing in the EU regardless of the geographical location of the business or the place where the data is handled or processed.

Breaching the regulation could lead to significant financial penalties and undoubtedly wider implications for the business as client's and customer's trust is tested.

If a business is found not to comply with GDPR and suffers a data breach, they could risk fines up to €20m or up to 4% of their total annual turnover whichever is greater.

Added to this, if there's a data breach or data is mishandled, individuals have the right to seek compensation for both minor and major breaches of the regulation.

Article 32 specifically addresses the requirement for businesses to provide robust data security that enable secure access and secure processing of data. It states:

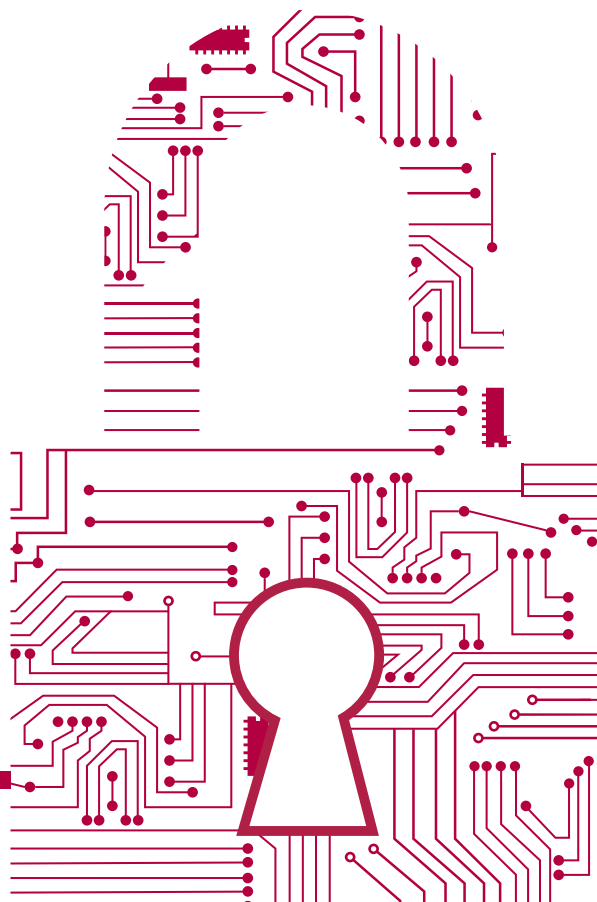
[Businesses must have] ...a process for regularly testing, assessing and evaluating the effectiveness of technical and organizational measures for ensuring the security of the processing.

It's imperative businesses implement a high standard of network security to be compliant with GDPR. With the increasingly frequent and sophisticated cyber attacks on networks and computers around the world, it's vital that all businesses take GDPR seriously.

To see if your network is currently protected, try our Free Security Audit.



[Begin Security Audit](#)



Securing your Data

Businesses must have systems in place to secure their own and customer data they store. This may have been a low-level priority in the past, but with GDPR in force and the increasing threat from cyber criminals, they now have no choice but to take network security seriously.

Data breaches must be reported to data protection authorities and affected individuals within 24-hours. Even a small breach could be enough to shut a business down, whether it is from the fines or the impact on their reputation.

The regulation specifies that there must be appropriate protection from accidental or unlawful destruction, loss or alteration of personal data. Inadequate security and poor monitoring is not an option.

To be compliant businesses must put in place governance measures that include detailed documentation, registration and evaluation of security risks.

Business must employ data encryption and powerful real-time data protection measures that use innovate and constantly updated network security technology.

Simple, robust Network Protection

While technology has certainly simplified many aspects of our lives, advancements in how people work and collaborate can often create major data security challenges for businesses.

Managing the rapidly growing number of smart devices accessing networks, prioritizing and blocking a wide range of cloud-based productivity applications, and guarding against daily web-based intrusions and attacks has never been more important.

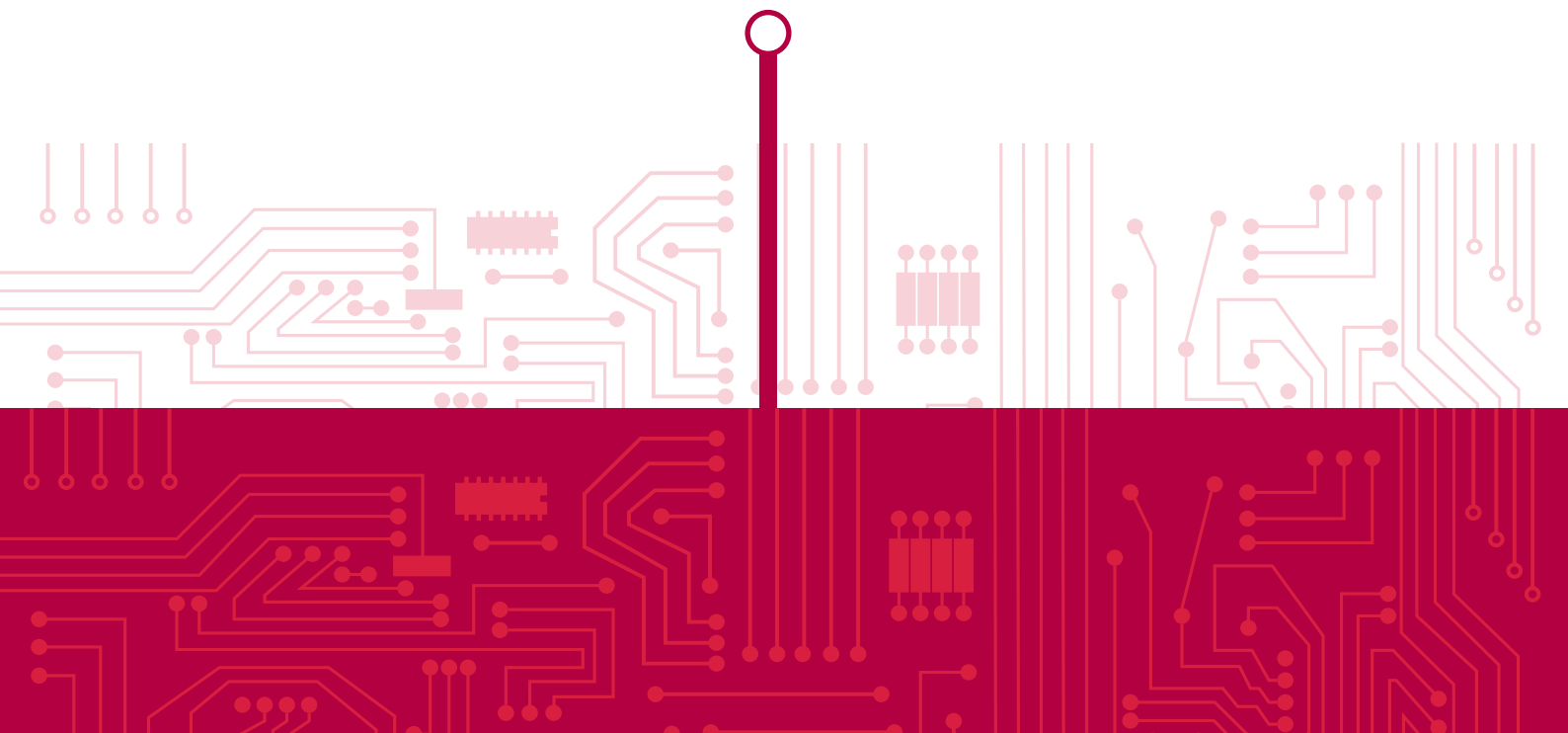
As threats evolve and challenges diversify, it becomes increasingly difficult for businesses to keep on top of these changes. Without an effective solution to control, optimise and potentially block social, productivity and other web applications, businesses risk losing work productivity and exposing company networks to new web threats and potentially data breaches. This is not an option with GDPR.

Many small and medium sized businesses have not focused on security – but now is the time to invest and it doesn't have to be too costly or complex.

Zyxel offers a full suite of next generation Unified Security Gateways (USGs) providing unbeatable protection from malware and unauthorized applications. Combining this with deep packet inspection making the Zyxel USG range a natural choice to protect businesses from Ransomware and meet GDPR compliance requirements.

TAKE ACTION NOW.

Don't wait until it's too late.



Zyxel integrated Security Solutions

USG Series

The USG Series provides all the protection you need in order to fend off attacks from the Internet and defend against hackers. With full UTM Protection including Antispam, Antivirus, Content filtering and Intrusion Detection, it gives you a strong solution to deal and manage ever-increasing threats.

- ✓ **UTM** - Complete network protection with Anti-Virus, Anti-Spam, Content Filtering 2.0, IDP and Application Patrol
- ✓ **VPN** - Branch offices, partners and home users can deploy ZyWALL Firewalls for site-to-site IPsec VPN connections
- ✓ **Ease-of-Use** - Managing complex configuration settings can be confusing and time-consuming. ZyWALL USG Series provides an "easy mode" setup for entry-level and SOHO users



[Learn more](#)

ATP Series

Our Advanced Threat Protection (ATP) offers UTM services, but goes that one-step further. With sandboxing technology, ATP performs real-time checking for unknown threats offering a Zero-Day protection. ATP is the right choice to protect networks against increasingly sophisticated hackers.

- ✓ **Sandboxing** - For unknown programs to be contained, emulated, executed, and inspected Sandbox Cloud then analyzes the behavior and verifies if it's malicious or not in real-time
- ✓ **UTM** - The ATP service pack includes classical UTM protection such as Web security and Malware blocker
- ✓ **Analytics** - SecuReporter analyses your security and correlates data in real-time



[Learn more](#)

NSG Series

Zyxel Nebula gateways are quick and easy to deploy with a remote location through nearly zero-touch cloud provisioning. It automatically pulls policies and configuration settings, receives seamless firmware upgrades and security signature updates from the cloud without the need for on-site networking expertise.

- ✓ **Easy setup** - Providing site-wide visibility and control that enables administrators to manage event logs, traffic statistics, bandwidth consumption, networked clients and application usage without access to individual devices
- ✓ **VPN** - The Security Gateway, either site-to-site or hub-and-spoke VPN connections can be configured with complete simplicity and without complex VPN configuration steps - it's just a few clicks in the Nebula Control Center
- ✓ **Policy Management** - Zyxel Nebula gateways streamline configuration of firewalls and every security feature for faster, easier and more consistent policy settings by supporting object-based management and a unified configuration approach for all security related policies



[Learn more](#)

Zyxel integrated Security Defense Technology



Anti-Virus

Prevents the latest content layer threats by detecting and removing malware



Intrusion Detection & Prevention

Checking against network traffic flow to prevent known and unknown stealth cyber threats



Application Intelligence

Allows or denies the use of web applications to prevent threats from entering the network through applications



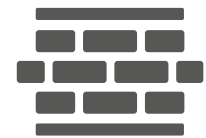
Anti-Spam

Reduce the number of spam messages, control attacks and virus infections via email



WLAN Controller

Integrated in a WLAN control gateway to the radio receiver, reducing the cost of multi-machine deployment



Firewall

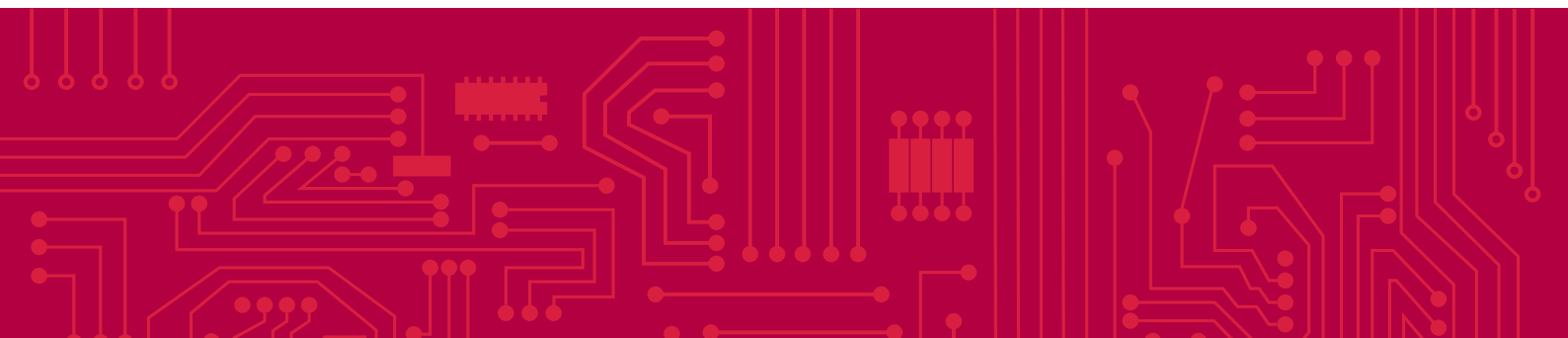
Monitors and controls the incoming and outgoing network traffic

Protecting your Network

Unsure how secure your current network is? Why not try our [Security Audit](#) to see if your current network security solution provides adequate protection from cyber attacks and ensures you are GDPR compliant.

Let's Talk

Begin Security Audit



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For more product information, visit us on the web at www.zyxel.com