

IoT Security

IoT devices, whilst incredibly beneficial, are also potential entry points for cyberattacks. They are often seen as easy targets with any device, ultimately only as secure as the network that it is connected to and operates over.

As the number of IoT devices used to assist businesses expands, so does the attack surface which hackers can then search for and exploit vulnerabilities through – ensuring the security of your IoT network has never been more crucial!

The Challenge of Effectively Securing IoT Devices

As the security threats and attack types for unprotected IoT devices continue to grow, so do the potential business impacts and costs of leaving these devices exposed. Ransoms, loss of service, data theft or loss, unauthorised access & control, and reputational damage are all very real threats if you do not secure your IoT devices and network, putting your business at serious risk!

The Solution: Spitfire's One Network!

Even if you follow industry best practices to try and protect your IoT network, devices and company assets, there are still countless limitations and challenges to keep Internet exposed devices secure when doing so. Instead, why not have complete peace of mind by removing your devices from the public Internet altogether? With Spitfire's One Network we can do exactly that!

Low Cost, Secure Private Network

Make your IoT devices invisible & unreachable to hackers by deploying them in a low cost, secure private network that is completely isolated from the public Internet. Companies needing protected remote access can do so with a single login SSL VPN. This simplified setup keeps your devices safe from cyber threats and reduces the technical burden associated with configuring a VPN for each gateway or device, ensuring easy scalability and secure access wherever your IoT devices are located.

No Need for Multiple Fixed Public IPs

Spitfire's range of configuration options can allow all your SIMs to share a single fixed public IP address by allocating a fixed private IP address to each SIM and then utilise port forwarding or an SSL VPN to reach them. This provides secure remote access to IoT devices while reducing the need for multiple public IPs and the associated costs. This also provides security enhancements, through measures such as geofencing and DDoS mitigation, as the public IP address sits on our Carrier Grade Network, not the end device.

Human Error Mitigation

By removing IoT devices from the public Internet altogether, the risks associated with human error are greatly reduced. Common mistakes such as the misconfiguration of devices, delays with updating firmware or legacy hardware, or the use of weak or default passwords leave IoT devices heavily exposed to cyberattacks. By deploying these devices in a secure, private network with Spitfire eliminates the risks associated with these oversights altogether!

One Network Explained

One Network provides end-to-end connectivity and complete network isolation for your devices and the data transfer to your platform or application, bypassing the public Internet entirely.

All of this with the flexibility to use mobile, fixed line or cloud connectivity, topped off with a simple and low-cost set-up – it really is that easy!



Where access is required from the Internet, or indeed if your business is not quite ready to go for a complete private IoT network as you may have existing devices that you may want to incorporate, we can provide a single point of entry via our enterprise grade hosted Firewall as a Service, using fully resilient high availability Fortinet FortiGate firewalls.

Key Benefits of Spitfire's One Network

- Devices invisible to Internet hackers
- Lower resource requirements
- Reduced power consumption
- Secure remote access options
- Isolated from the public Internet
- Lower device cost
- Reduced configuration requirements
- Simplified network management

More secure, save time, reduce costs.

Why Spitfire?



Secure & Private Connectivity



Collaboration



Management & Control



Extensive range of products & services



One stop provider for all connectivity needs



Award-winning UK based customer support team



Experienced Account Managers with professional qualifications



We don't ask our partners to commit to any quotas or targets



Access to extensive online portals & resources

IoT Sales Team:
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