

## IT &amp; DATA SERVICES

# Network Infrastructure Planning & Review

Your network is the backbone of your business. Whether you're a growing SME setting up infrastructure for the first time, an established organisation that has outgrown its current setup, or an enterprise looking to validate a complex environment — our network infrastructure planning and review service gives you a clear, expert, and vendor-neutral picture of where you are and where you need to be.

## WHY NETWORK PLANNING MATTERS

Many organisations run on network infrastructure that was never formally designed — it evolved organically, adding equipment reactively rather than strategically. Poor network design is also a significant security risk: flat networks, over-permissive firewall rules, and unmanaged devices create opportunities for attackers and make containment far harder when incidents occur. A structured review or planned deployment gives you documented, defensible infrastructure with the resilience, security, and scalability your business needs.

## OUR SERVICES

### Infrastructure Review & Audit

Structured assessment of your existing network — topology, hardware, configuration, segmentation, and access controls. Risk-rated findings with a prioritised remediation roadmap.

- Full topology discovery
- Security configuration review
- Remediation roadmap

### Network Design & Planning

Detailed, vendor-neutral design for new deployments, office moves, or significant infrastructure changes — with logical and physical diagrams, IP/VLAN planning, and capacity planning.

- Logical & physical diagrams
- IP & VLAN planning
- Growth & capacity planning

### Security Architecture Review

Focused assessment of your security posture — firewall rules, segmentation, DMZ, remote access, and wireless. Aligned to Cyber Essentials, ISO 27001, and NCSC guidance.

- Firewall rule review
- VPN & remote access review
- Wireless security assessment

### Cloud & Hybrid Review

Assessment of how your network connects to and integrates with cloud platforms — covering connectivity, access controls, and security configurations across AWS, Azure, and Google Cloud.

- On-premises to cloud review
- Cloud security group assessment
- Hybrid identity & access review

### Documentation & Diagramming

We survey, map, and document your environment from scratch — producing clear, maintainable network diagrams and asset inventories that support operations, audits, and incident response.

- Logical & physical topology
- Asset inventory & device register
- Delivered in editable formats

### Scalability & Modernisation

We assess whether your infrastructure can support future needs and design a phased modernisation roadmap — covering SD-WAN, SASE, zero trust readiness, and budget guidance.

- Capacity & growth gap analysis
- SD-WAN & SASE readiness
- Phased modernisation roadmap

## WHO WE WORK WITH

• Small business — practical, right-sized foundations without over-engineering

• Mid-market — structured reviews and clear roadmaps for scaling securely

• Enterprise — independent expert review of complex multi-site environments

• All sectors — vendor-neutral, proportionate advice at every scale

### DID YOU KNOW?

- The majority of successful network breaches exploit misconfiguration rather than unpatched vulnerabilities — poor firewall rules are more common attack vectors than zero-days.
- A flat network means a compromised device has potential access to every other device, dramatically increasing the blast radius of any incident.
- Many organisations discover undocumented devices on their network during an audit — rogue access points and unmanaged IoT devices are among the most common findings.
- Network documentation is consistently cited as one of the first things lost during staff turnover — undocumented infrastructure significantly increases incident response time and cost.

Our advice is vendor-neutral, practical, and tailored to your organisation's size and budget.

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