

FreshView

Network Audit Service



Your business relies on your computers and their supporting network to function properly, perhaps even 24/7. When a network has grown organically, it may not be configured correctly for optimum performance, leading to a greater risk of network failure, which directly impacts your business.

Our *Fresh View* service provides you with a baseline network configuration. An audit report provides all required detail of your network, including layout of internetworking devices and detailed information of those devices.

We look at your network with a “fresh pair of eyes”, unencumbered by familiarity. This, coupled with our considerable experience gives us a unique insight into how the network performs, and how improvements could be made. Whether your network spans a few dozen or a few thousand devices, we have the in-house expertise and appropriate tools to audit your network.

Our expertise in the design and implementation of complex data and voice networks is backed by Quality of Service mechanisms that consistently exceed our clients’ expectations.

Certified and Experienced

Hinx Limited consultants are recognized experts in the field of internetworking, providing a safe pair of hands for your network.

Our consultants combine the highest networking accreditation - Cisco Certified Internetworking Expert - with extensive industry experience. Together they have 30+ years of data communications, 16 of which were with the market leader Cisco, as well as 7 years of voice communications experience.



Your Audit Checklist

Fresh View delivers everything you’d hope for from a professional audit:

1. LAN and WAN switch/router check – bringing a baseline of current configurations along with recommendations to improve or fine-tune the settings.
2. Traffic check – find your busiest network hosts and paths – providing potential for network optimization.
3. Forward-looking health check – determines how to best make use of your infrastructure investment without massive re-investment
4. Layer 2 and Layer 3 audit – look at how your network functions at Layer 2 and at layer 3 – both routers and switches are examined.
5. All backed by comprehensive documentation – providing a full, professional audit report complete with recommendations.

Don’t Just Take Our Word for It

Here’s what our clients have to say about us:

“Their standard of documentation is impeccable,” IT Manager, Raymarine UK PLC

“Hinx found problems we didn’t know we had – and fixed them immediately for us,”
Operations Manager, Direct Travel Insurance.

What's important for your business

Our starting point is always to understand your business processes, as it is vitally important to understand what you need from your network before we log onto a single switch or router. We ask about applications, servers, storage and remote users. This gives us a good picture of what you need from your network, and gives us a "bar to reach" to see if your network achieves this standard.

Any area that does not reach the expected standard will have resolutions – we make you aware of these, possible solutions and can advise on how to best surmount problem areas.

Audit requirements

In order to carry out a complete audit, we need to take router and switch configurations and results of various "show" commands from your network. In order to gain access to these, we will need your telnet/ssh passwords and "enable" passwords for your equipment. We *always* gain the client's approval before making changes to the network, and work with you to implement change control procedures.

Network Traffic Check & Quality of Service

The amount of traffic passing around the network is important, particularly the identification of any bottlenecks. Our scanning tools take a snapshot of the traffic levels from key interfaces on switches and routers in your network, looking at broadcast levels, traffic mix, routing updates and QoS. Regular snapshots enable us to build up a "wire-frame" view of network traffic over the working day.

Hinx have experience of providing QoS both between LAN switches and gaining effective QoS on wide area network links. We can advise on the readiness of the network for converged applications such as Voice over IP.

Availability & Business Continuity

It is likely that your business needs the underlying network to be stable and operate efficiently for all networked applications. Should the unexpected occur, e.g. losing a link or even a whole device; there needs to be predictable network behaviour. We will analyse your network's critical points and advise on how fine-tuning of parameters can bring about more stable, predictable activity in the event of failure.

Security Audit

Most businesses have an Internet connection and use a firewall to protect their "inside" network from the Internet. An optional element of the audit is to review network and application security, up to the level of firewall and VPN devices.

Audit report

A comprehensive audit report is produced, with diagrams and recommendations. This is written by one of our senior consultants using all the information available to him from the data gathered whilst onsite.

The report will detail suggested improvements, graded by importance.

For more details this, or of any Hinx service, call us on 01962 886 174 or email sales@hinx.com or visit our web site www.hinx.com

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