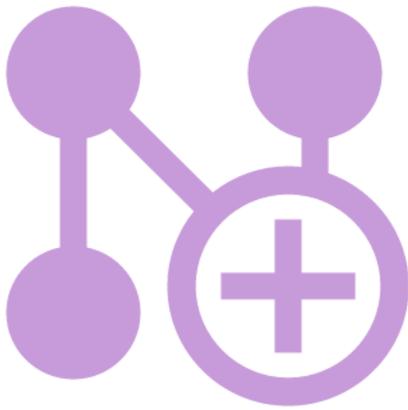**foundation|iT**

Network Health Check

The reliance on technology continues despite budgetary and resourcing constraints. Being proactive with network health can help to prolong the lifespan of hardware, eliminate performance bottlenecks and crucially, reduce the risk of downtime.

Foundation-IT offers organisations a free, no obligation network infrastructure health check that will:-

- ☑ *Provide an independent view on network performance*
- ☑ *Highlight immanent and cautionary threats to downtime*
- ☑ *Document hardware and software assets*
- ☑ *Provide recommendations to improve uptime and reliability*
- ☑ *Verify IP reliability, performance and obvious security risks*
- ☑ *Assess suitability of wired and wireless network*

Our networking specialist will document a detailed analysis of findings and recommendations.

To schedule your health check or for more information call us on 01635 203700 or email info@foundation-it.com

Helping businesses with technology challenges since 1996

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Your Network Health Check includes a review of the following areas, with a diagnostic report and recommendations for each area where appropriate.

1. Consultation

- Walkthrough the health check process and items covered
- Document any issues currently being experienced
- Review of any network documentation
- Review of certified test results
- Establish existing and future requirements
- Review existing network monitoring tools
- Discuss recent infrastructure investments, changes and perceived problem areas

2. Network Evaluation

- General inspection of uplink cabling (where applicable)
- Latency testing
- Bandwidth and throughput calculation
- Future capacity estimation
- Review counters to spot bottle necks and hardware issues

3. Configuration

- LAN/WAN link speeds, identify any bottle necks impacting performance
- Review network logs to identify any severe issues and highlight advisory items
- Review routing to sanity check active routing protocols and static routes
- VLAN review; ensure traffic is split appropriately and/or remove unused VLANs
- Review hardware, is it up to the job and is it currently supported?
- Review backup and DR practices

4. Wireless

- Gain knowledge on AP locations and any issues currently being experienced
- Complete an Active survey to ensure that all areas that need coverage are covered
- Review wireless hardware, is it up to the job and is it currently supported

5. Documentation

As well as providing you with verbal feedback and recommendations throughout our time with you, we'll produce a report that will present our analysis findings in full, documenting what checks were done, what we found and where appropriate, our recommendations. We'll provide an overall network fitness score which you can be used for peace of mind or a foundation document to plot an improvement plan.

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