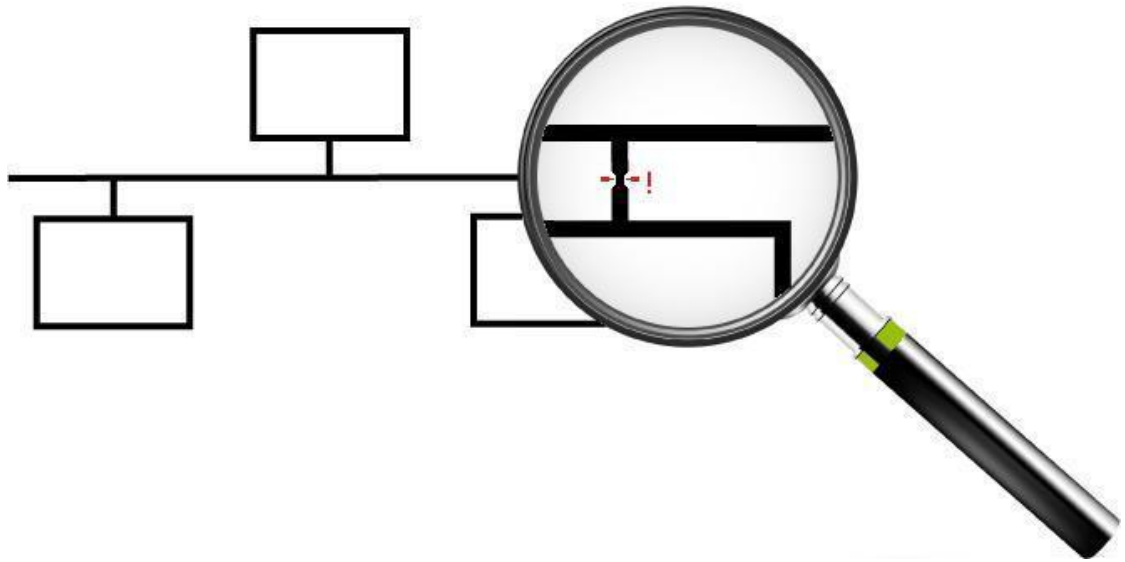# centriq
Healthcare Intelligence

Network Audits for Healthcare

Healthcare Networks are constantly being challenged by demanding systems like HIS, RIS & PACS, mobile computing, email, infotainment systems and telephony. Underpinning all this digital technology is a complex set of cables, routers, switches and network appliances working 24x7, delivering services to healthcare practitioners and patients. It is vital that these systems are robust, reliable and secure, and that performance is optimised.

IT departments are tasked with delivering, monitoring and maintaining these networks. With this in mind, Centriq offer two standard levels of auditing.

Level 1 - Network Assessment

- ➢ Inventory & Topology
- ➢ Quantification
- ➢ Analysis & Advice

Level 2 - Network Health Check

- ➢ Performance & Baselines
- ➢ Qualification
- ➢ Analysis & Advice

Centriq is an independent, specialist healthcare IT solution provider with an in-depth understanding and experience of the clinical environment, combined with expertise in the latest IT systems including virtualisation.

Level 1- Network Assessment

A thorough and independent audit that highlights components of your network that require replacement or upgrade and assists with simplifying and validating future IT purchases. It also enhances the efficiency and productivity of your IT staff by providing them with essential support documentation and advice on potential changes.

How you benefit:

- Detect necessary upgrades of components for enhancing features or performance and simplifying management.

- Emphasize areas in the network that require hardened security.

- Identify areas that have a need for improved network resilience.

- Recognise environmental issues that can affect the reliability of the network.

- Aid planning for future IT requirements, more cost-effective and speedier expansion of your network.

- Reduced burden on your IT staff, especially as the network grows and becomes more complex.

- Comprehensive physical and logical network diagram to assist in troubleshooting.

Level 2 – Network Health Check

An in-depth Health Check including a performance analysis on traffic flow, applications, memory, response and system resources. This offers a valuable insight into your network architecture and can identify causes of existing network problems. It enables informed decisions on how proposed new systems and applications impact the network.

How you benefit:

- Identification and resolution of infrastructure problems minimising the risk of future issues.

- Provides an insight into how traffic usage is impacting network performance.

- Finding and fixing bugs to enable smooth operation of the network.

- Ensuring performance optimization.

- Insight into the users and applications using your network bandwidth.

- Provides focus for additional investment in networking technologies if required.

- Enables evaluation on how proposed new systems and applications will impact the existing network.

- Optimisation of your network traffic through recommendations based on the results and conclusions.

NHS Connecting for Health

" *Centriq played a key role in the deployment of the Southern Cluster data centre connectivity solution; they exceeded the project expectations and delivered the project ahead of schedule* "

Richard Williams-Bulkeley – GE Healthcare

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