

Networks by Wireless NHS Proposition Document

Generic Information

Doctors' surgeries mainly hold patient records on site which is a high security risk in today's environment.

Due to N3 bandwidths being restricted, alternative solutions are sought due to their requirement for high speed connectivity for internet access, voice calls and general sharing of patient records and information.

Security is key for all these aspects as well as scalability and for the chosen technology to be flexible to relocate and be easily deployable.

Key requirement:

- Ability to share patient records securely from a central location
- Ability to download large files such as PACS (patient x-ray records)
- Ability to access email and internet with reasonable bandwidth of 2 Mbps upwards

Networks by Wireless is an accredited supplier under the OGCbuying.solutions framework agreement, following a successful competitive procurement process run by OGCbuying.solutions, which conforms & is compliant with EU Directives.

The OGCbuying.solutions framework agreement allows customers throughout the public sector to place orders with Networks by Wireless under standard terms and conditions of the agreement without the lengthy or costly tender process.



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Business Issues

Any connectivity solution must be easily deployable, secure (with agreement through Consulting for Health) and of reasonable bandwidth.

A key consideration for all NHS is ongoing revenue as this needs to be kept to a minimum.

Meeting the client's needs:

An NHS Trust in the North East has recently completed installation and delivery of a High Bandwidth Licensed Core Wireless Network connecting all core Primary Care Trust Head Offices to be able to provide a minimum of 2 Mbps bandwidth to over 20 surgeries using Unlicensed Radio.

The Benefits:

- Saving the trust time in delivery
- Increased bandwidth
- Reduced ongoing, annual revenue costs

Wireless Solutions

Networks by Wireless are able to provide NHS Trusts the following solutions:

- High Bandwidth connectivity between core sites by Licensed Radio, up to 1 Gigabit
- Up to 300 Mbps connectivity via Unlicensed Radio to GP Surgeries
- Offer significantly reduced ongoing revenues while providing enhanced services
- Offer a truly flexible architecture that can be managed by the organisation
- Secure, with recognised government security levels - up to 256 bit AES Encryption
- Mobility for mobile workers
- Quick installation with minimum disruption to allow communication projects to stay on track and be delivered within timescales and budget

