

## Connected Community Infrastructure



**BDS Solutions, the UK's leading provider of IT services for NHS, health and care organisations, has developed a tailored IT infrastructure service to enable collaborative working between NHS organisations.**

### *Connected Community Infrastructure*

The **Connected Community Infrastructure** services have been developed over the past 20 years alongside a cohort of NHS organisations to deliver a digitally enabled integrated health and care system.

The BDS **Connected Community Infrastructure** services empower health and care professionals, providing access to a wealth of information, IT systems and support to help them make better clinical decisions.

NHS organisations using the **Connected Community Infrastructure** benefit from an integrated and patient centred service that is:

- **Connected** - across organisational boundaries
- **Mobile** - allowing users to access data remotely from portable devices
- **Efficient** - saving each user significant time in their work and ensuring they have all the information they need when they need it
- **Collaborative** - allowing health and care organisations to share information and best practice, helping organisations to meet their local health and care needs
- **Autonomous** - enabling organisations to deliver and maintain their own local IT infrastructure whilst benefitting from the collaboration between organisations
- **Secure** - allowing clinicians and care professionals to store and share information whilst supporting information governance requirements
- **Flexible** - adapting to meet the individual needs of each organisation, supporting multiple models of care and evolving to meet changes in IT and the health and care system
- **Economical** - using common IT infrastructure standards and leveraging existing investments in technology and skills

## Connected Community Infrastructure

The NHS Five Year Forward View (2014) identifies the information revolution as a key enabler to securing a sustainable NHS. The Government's target for a paperless NHS by 2020 is highly reliant on robust and reliable IT infrastructure and collaboration.

**Connected Community Infrastructure** will help NHS organisations, including GPs, Acute Trusts, Community and Mental Health Trusts, Hospices and CCGs, in heading towards a paperless service, whilst improving communication and sharing models of best practice, helping to improve health and care outcomes.

BDS Solutions **Connected Community Infrastructure** includes:

- **Directory Services**

Directory services cover the design, deployment, migration and ongoing operation, change management and support of a locally deployed, single multi-tenanted Microsoft Active Directory forest. This provides the greatest level of flexibility whilst maintaining autonomy of each organisation's IT infrastructure.

- **Security Services**

Meeting the health and care information governance requirements is a key requirement, covering endpoint encryption, perimeter and remote access application gateways.

- **Desktop and Mobile Services**

Enabling clinicians to work wherever they need is a key to delivering the digital health vision. Services include desktop policies and configurations enabling access from shared devices, as well as wireless connectivity allowing professionals to move between organisations within the community.

- **Programme Management and Design Authority Services**

Key to the ongoing management, administration and support of the service are the processes and procedures ensuring the community infrastructure is robust, as well as being flexible to meet the changing needs of the new vanguard health and care models.

### Tailored IT services from BDS include:



IT Service Desk  
Active Directory



Identity  
Management



Technical  
Consultancy



Datacentre

End User  
Computing



Security

Deployments  
and Migration



Messaging

Collaboration

### Client Testimonial:

*"For the last ten years, the Trusts comprising the North West Shared Infrastructure Service have continued to benefit, both financially and technically, from their consolidated partnership with BDS."*

*Andrew Thompson, Head of the North West Shared Infrastructure Service*

For more information contact BDS Solutions on:

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