



N3 JANET Gateway ...Phase II Plans

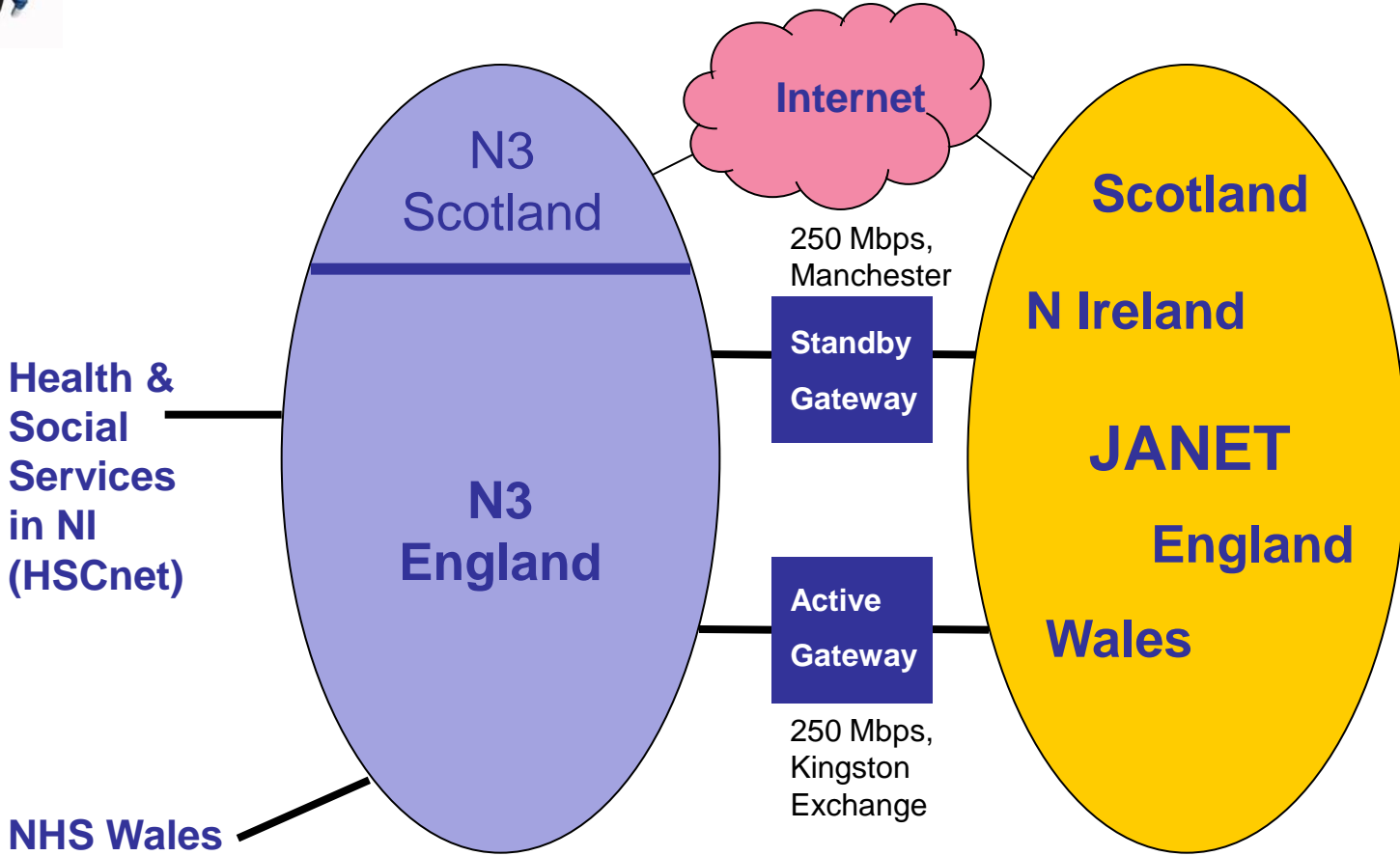
NHS-HE Forum

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N3 for NHS network in England and Scotland, JANET for Education & Research



(PSBA)

Since 24th June 2010



The New N3 Gateway(s)



- The new N3 JANET Gateway Service:
 - Implemented on 24th June 2010
 - 2 Gateways at 250 Mbps active/standby
 - Joint funded with DH/Connecting for Health
 - All N3 JANET traffic (sessions initiated in N3, routed away from internet G/way)
 - Contract for 5 years
 - Full service management by N3





Objective:

”To achieve good inter-operability between NHS and Higher Education (HE) networks that enable secure anytime, anywhere access by medical, nursing and allied profession students, clinical teachers and researchers”

To move away from 2 PC syndrome



Gateway Phase II Proposals

- Working with DH
- Draft mandate – hoping for agreement for assignment of staff time.....
- **To create Business Cases** for 8 outline development proposals i.e. 8 “deliverables”
- Six are deemed Service Enhancement
- Two are strategic option appraisals and relate to Public Sector Network and N3 futures



Deliverable 1

Business case for:

Users accessing services on N3 network

- Baseline
- = “Sessions Initiated in JANET” where that is appropriate
- E.g. To support clinicians needing access to NHS systems while they happen to be on a JANET connected site.

Not a “given” that the Information Governance can be resolved



Now: Sessions initiated in N3



Sessions initiated in:

	N3	JANET	
No PID	Now Eg access to VLEs	Investigating: Eg NHS intranets	Case to be made in Deliverables 1 and 2
PID	Eg collecting research data	Access to NHS clinical systems	



Deliverable 2



Business case for:

Sharing/exchange of information between computers in NHS and academic networks initiated in either direction.

- Machine to Machine e.g. For routine monitoring, or external analysis
- Closely linked with Deliverable 1
- Can do N3 to JANET already



Deliverable 3



Business case for:

Integration of the NHS (N3) and Academic (JANET) Video services

- Looking particularly at the new N3 vc service in England
- along with the infrastructure already in place across the N3 JANET Gateway to support H.323 videoconferencing.
- Want to be able to book and run videoconferences across the two booking systems
- Both have guest site facilities for IP and ISDN



But not the only show in town on videoconferencing:



- Continuing with the CETL4HealthNE pilots using JVCS
- Talking to NHS Scotland about linking across from their new NHS Scotland Master gatekeeper to JVCS.
- Access Grid/IOCOM is server to server and can be supported now (we think) if the vc is initiated from N3. Testing with MHRN and Access Grid Support Centre.



Deliverable 4



Business case for:

Secure email solution between the NHS and academic networks

- Often required by researchers. Current workaround is usually via “honorary NHS contract” registration
- NHSmail for non-NHS users is likely to be looked at in the wider context by DH.
- So either feed in to that or make separate case



Deliverable 5

Business case for:

Support for Eduroam (JANET Roaming Service) in NHS networks

- Enables visitor network access to basic services when at other sites.
- International facility well used in education & research
- Good reports where tried e.g. In Oxford area.



Deliverable 6

Business case for:

Federated Access to Web Resources in a Trial NHS Community

- DH developing an Identity Management strategy
- Early test some of the features proposed.
- Particularly use of NHS smartcard credentials to provide identity management for web resources available through the UK access management federation.



Deliverable 7



Business case for:

Connecting a Local NHS Community to Shared Services on an “open” core network (JANET) e.g. Internet Services

- Current N3 model for internet access has led to continual pressure demand/investment
- This would look at the potential of adopting a different model in future (strategic options post N3).



Deliverable 8

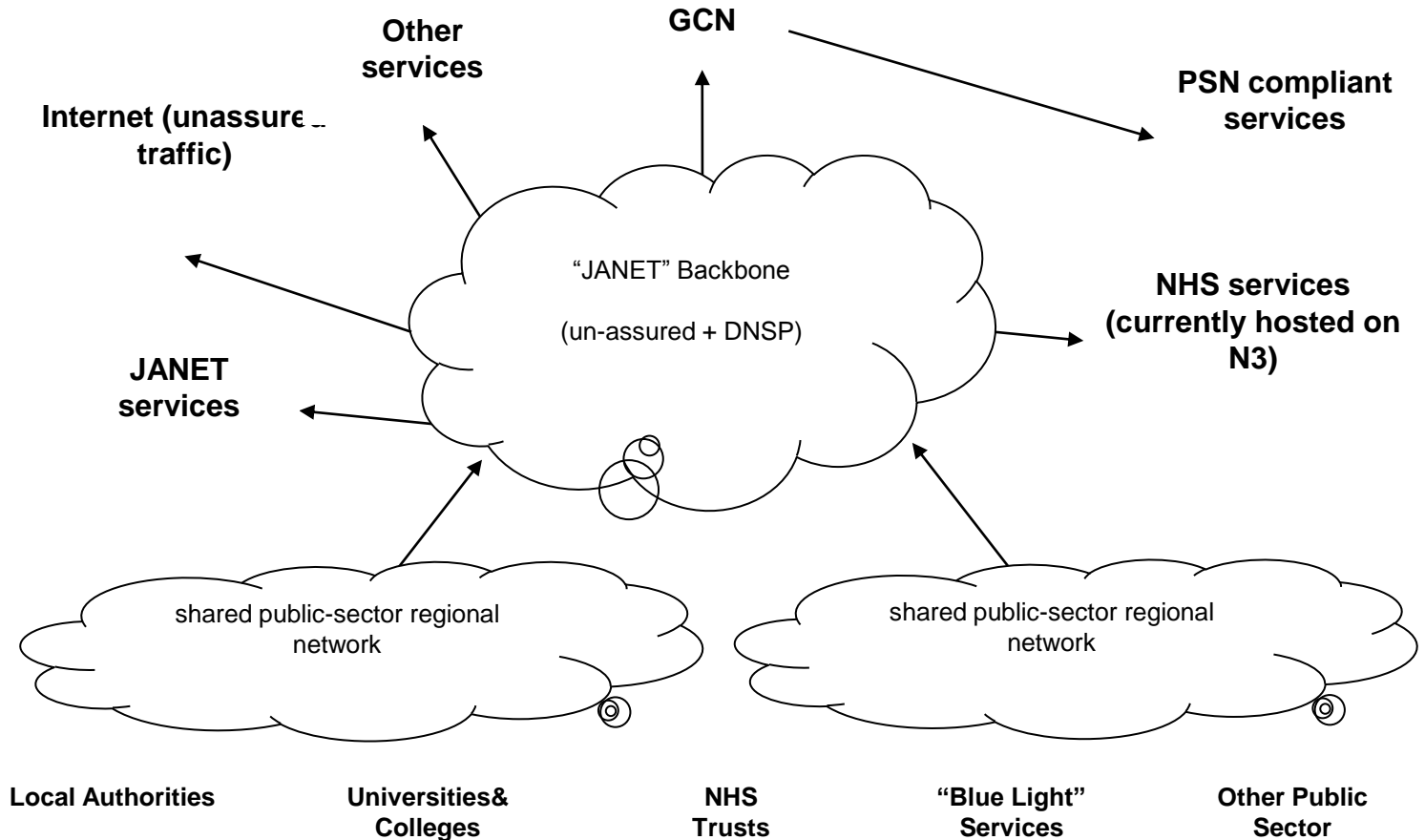
Business case for:

Creation of a Shared Local Community Comprising One or Two Local Health Education and Social Care Organisations

- Part of PSN and post N3 option appraisal
- Shared networks at local/regional level with access to central networks via PSN and possibly some gateways.



Along these sort of lines.....



So.....

- Potential for much to happen if the go ahead is given
- Warning! There is a survey coming
- Would really appreciate help with this
- Will cover feedback on:
 - impact of new gateway so far
 - Proposals for Phase II





Questions?

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Thank you.

