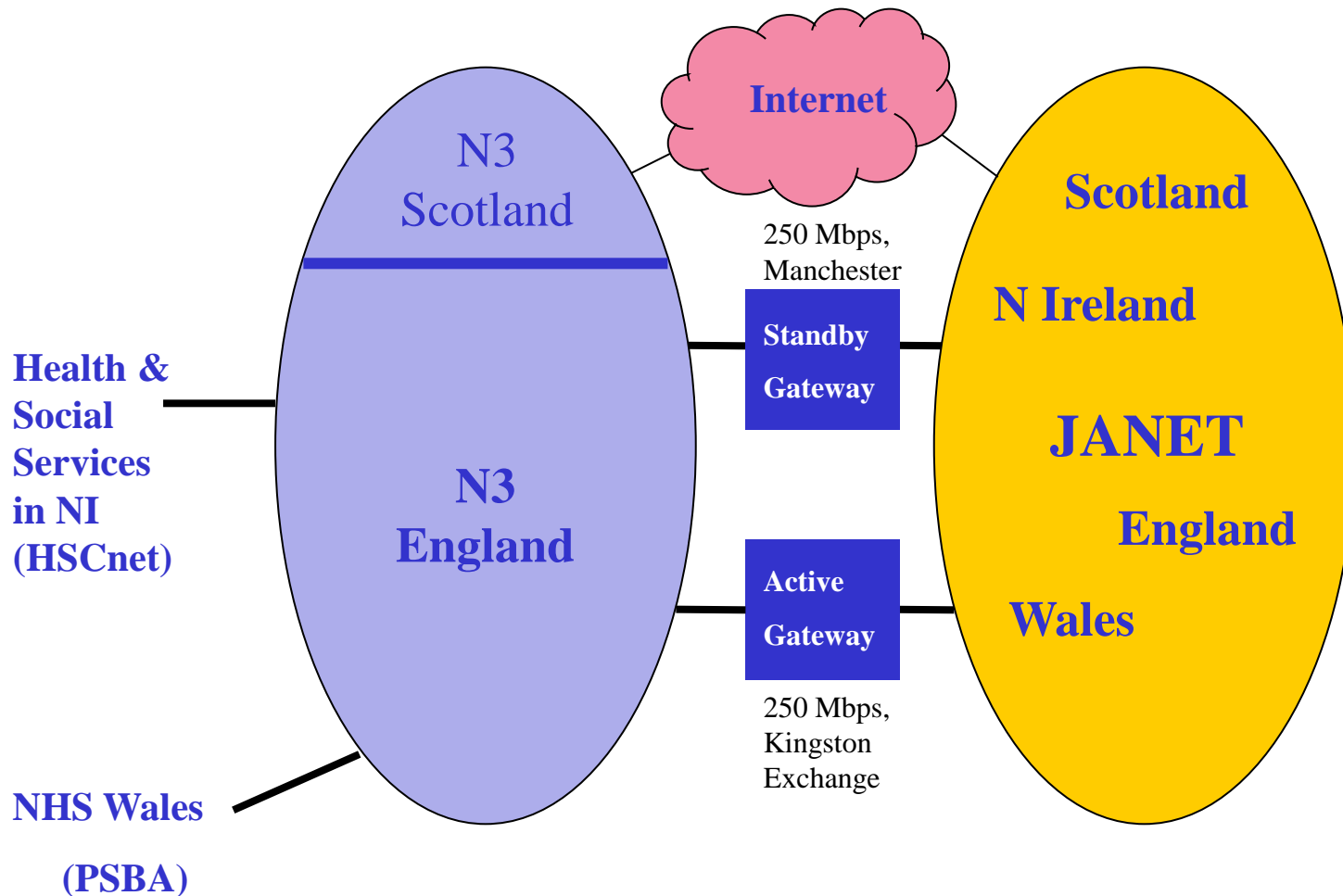# N3 JANET Gateway
## ...Phase II Plans

**NHS-HE Forum**

24th May 2011

Max Finch, Head of Voice and Data Networks and Services, NHS CFH
Max.finch@nhs.net

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

**DH** Department of Health

Internet

N3 Scotland

Scotland

250 Mbps, Manchester

N Ireland

Health & Social Services in NI (HSCnet)

Standby Gateway

JANET

N3 England

England

Active Gateway

Wales

250 Mbps, Kingston Exchange

NHS Wales

(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

# NHS-HE Connectivity Project

**DH** Department of Health

*Are we there yet?......*

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 Project

- NHS working with JANETUK
- Project has joint agreement to proceed:
  - ✓ Agreed to scope sessions initiated in JANET + assessment of 5 additional service enhancements
  - ✓ Kick Off workshop held in April 2011
  - ✓ Scoping workshops held in May 2011
  - ➢ Workshop scheduled for early June to scope sessions initiated in JANET

# Sessions Initiated in JANET

- Solution required to enable staff to access electronic information services in the NHS whilst at a JANET connected site (e.g. PAS,PACS images etc)
  - ✓ Rapid Risk Assessment conducted and final report concluded that there are no evidenced risks which cannot be appropriately managed
  - ➢ Workshop has been set up for 7th June to progress

# Integration of video services

- Solution required to connect the NHS N3 and JANET central Video Conference Services to support joint VC across the Gateway rather than using expensive ISDN or variable quality Internet routes

  ✓ Initial scoping workshop held in May 2011

  ✓ Testing of peering link (16th May) identified some firewall issues

  ➢ Need to understand likely demand/volume

  ➢ Follow up workshop will be scheduled to progress

# Secure Data Transfer

- Solution required to enable staff operating in either JANET or NHS to securely exchange sensitive data (e.g. pathology reports, radiology etc) without requiring expensive accredited e-mail systems (e.g. NHS mail)
  - ✓ Initial scoping workshop held in May 2011
  - ➢ Need to identify real world use cases and likely demand/volume
  - ➢ Follow up workshop will be scheduled to progress

# Widening Eduroam Support

- Investigating an option to deploy Eduroam access on NHS wireless networks with a view to provide greater access to Eduroam users (academic and health)
  - ✓ Initial scoping workshop held in May 2011
  - Options paper currently under development
  - An additional enhancement to extend this to Local Authorities will also be included in this options paper

# Federated Access

- Solution required to create a federated identity framework between JANET and NHS (N3) to allow Service Providers in either domain to trust identities
  - ✓ Initial scoping workshop held in May 2011
  - ✓ Candidate use cases have been created to demonstrate the scenarios in which benefit may be realised, and are currently being validated
  - ✓ Options paper currently under development

# So what happens next?

*Department of Health*

➢ Sessions initiated in JANET is planned to be delivered later this year

➢ For each of the 5 service enhancements an options paper will be submitted for business approval

➢ If you have genuine use cases that you feel would support any of these service enhancements please get in touch with Malcolm Teague – malcolm.teague@ja.net

Questions?

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Malcolm.Teague@ja.net


Thank you.