

# NHS – HE

## Edinburgh 5<sup>th</sup> December 2007

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# Topics

- Update from 12<sup>th</sup> Months ago
- Information Sharing Strategy
- NHS – JANET Gateway

# Update

- eHealth Strategy under review
- Difficult financial settlement for 08/09
- National Projects delayed
  - National Video i/p services supporting Telemedicine
  - Single Patient record
  - Staff identification and Authentication.
- Local Demonstrators progressing
- No progress with Scottish Gateway to HE.

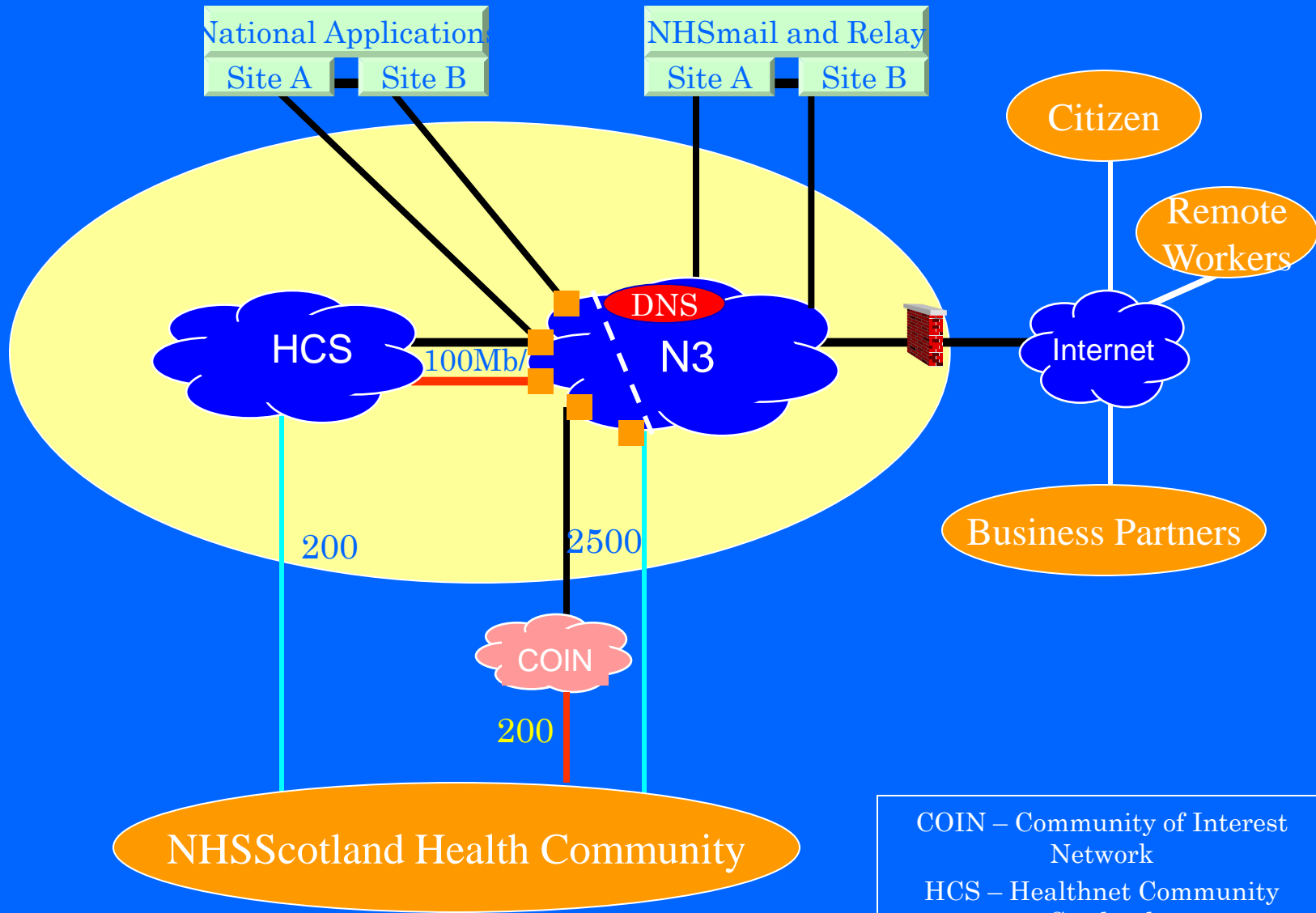
# Why a National N3-Janet Gateway

- To enable shared information between NHS and university staff.
- To allow flexible working.
- Numerous separate local gateways are difficult to manage.
- Reduce costs and improve security.

# Current Information Sharing Strategy

- All Clinical or sensitive data to be Encrypted
  - Not at network level.
- Moving to Secure Authentication and Identification of staff for access to Clinical applications in 3 years.
  - Currently user name and password.
- Information to be accessed by our Health Partners and the Citizen.

# Network Architecture – November 07



COIN – Community of Interest Network  
 HCS – Healthnet Community Scotland  
 -N3 Scottish PoP

# Health Education current solutions

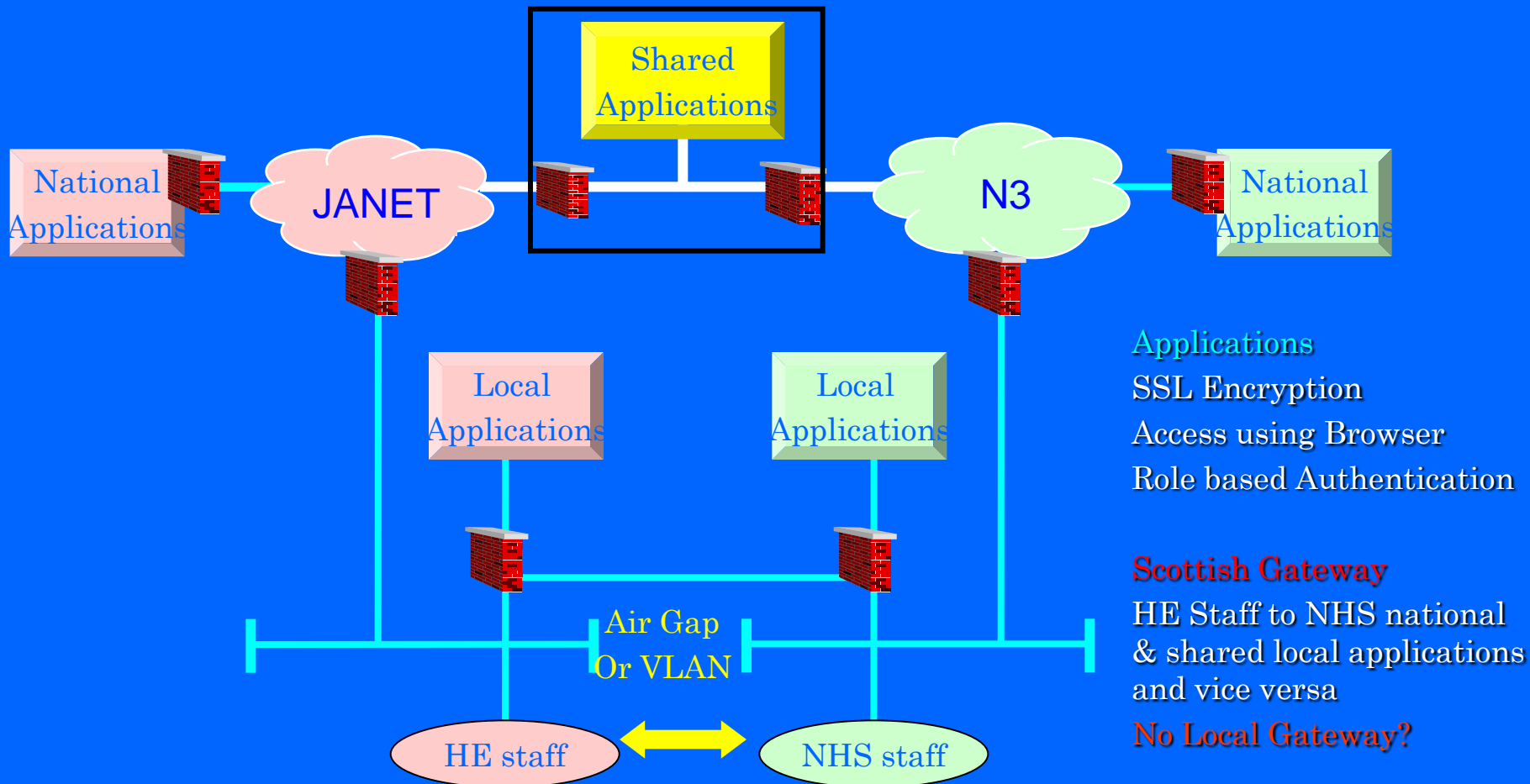
- VLAN on Teaching Hospital sites
  - Difficult to manage
- DMZ firewall approach to shared applications
  - Difficult to manage
  - Expensive
- IP sec VPN Remote access token
  - Suitable for occasional users
  - Token management
- Citrix server and SSL web access
  - Flexible and secure
  - High set-up costs

# NHSScotland Programmes

- PACS (Picture Archive Communications Systems)
  - 11 sites live
  - National Archive site established
  - Programme to be completed within 18 months
- National Video conferencing
  - In support of Telemedicine and learning
  - Little Progress.
- Staff Identification and Authentication
  - At demonstrator stage
- NHSmail
  - 35,000 active users
  - 120,000 Staff details on National Directory



# Interconnect Architecture



Unlikely that a national hosted shared application model would Completely replace the need for local DMZ solutions

# NHS - HE Gateway

- N3-JANET gateway viewed as a National demonstrator.
  - Looking for evidence of demand
- A Scottish Gateway unlikely to materialise in next year.
- Local Gateways encouraged
  - With strong information governance

- *Any Questions?*